

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092618\
 Data File : VU027158.D
 Acq On : 26 Sep 2018 04:02
 Operator : MD/SY
 Sample : J5032-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10-092018

Quant Time: Sep 26 06:04:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	94154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	157781	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	150639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73028	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	96454	50.90	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.80%		
35) Dibromofluoromethane	4.89	113	67069	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.08%		
50) Toluene-d8	7.57	98	256125	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.28%		
62) 4-Bromofluorobenzene	10.31	95	86354	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.56%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.83	59	521	1.199	ug/l #	72
13) Acrolein	2.19	56	5488	23.439	ug/l #	1
14) Allyl chloride	2.69	41	3145	1.192	ug/l #	1
15) Acrylonitrile	2.99	53	450	0.411	ug/l #	32
16) Acetone	2.32	43	10030	Below Cal		99
18) Methyl Acetate	2.63	43	771	0.286	ug/l #	55
20) Methylene Chloride	2.81	84	3838	2.261	ug/l #	10
24) 1,1-Dichloroethane	3.46	63	1458	0.469	ug/l #	84
26) 2,2-Dichloropropane	4.09	77	643	0.265	ug/l #	55
31) Cyclohexane	5.00	56	67702	23.668	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	1157	0.502	ug/l #	40
36) 1,1-Dichloropropene	4.99	75	9200	4.369	ug/l #	63
37) Ethyl Acetate	4.40	43	1750	0.614	ug/l #	70
38) Carbon Tetrachloride	4.98	117	9726	4.853	ug/l #	18
39) Methylcyclohexane	6.42	83	3206	1.401	ug/l	87
40) Benzene	5.39	78	129189	20.181	ug/l	99
42) 1,2-Dichloroethane	5.39	62	1094	0.452	ug/l #	76
43) Isopropyl Acetate	5.46	43	8559	2.059	ug/l #	62
48) Methyl methacrylate	6.65	41	129	1.068	ug/l #	21
51) 4-Methyl-2-Pentanone	7.47	43	664	0.237	ug/l #	38
52) Toluene	7.64	92	27182	7.408	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.06	63	238	5.014	ug/l #	52
59) 2-Hexanone	8.50	43	2486	1.136	ug/l	81
67) Ethyl Benzene	9.25	91	4902	0.746	ug/l	93
68) m/p-Xylenes	9.38	106	17332	7.919	ug/l	99
69) o-Xylene	9.78	106	1833	0.788	ug/l	95
73) Isopropylbenzene	10.17	105	30319	5.458	ug/l	98
76) 1,2,3-Trichloropropane	10.31	75	47259	21.302	ug/l #	35
78) n-propylbenzene	10.59	91	56740	8.632	ug/l	99
79) 2-Chlorotoluene	10.59	91	56740	13.743	ug/l #	43
81) trans-1,4-Dichloro-2-buten	10.31	75	47259	68.169	ug/l #	100
82) 4-Chlorotoluene	10.59	91	56740	12.256	ug/l #	47
86) p-Isopropyltoluene	11.57	119	588	1.039	ug/l #	50
89) n-Butylbenzene	11.77	91	48584	11.582	ug/l #	44

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092618\
Data File : VU027158.D
Acq On : 26 Sep 2018 04:02
Operator : MD/SY
Sample : J5032-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

Quant Time: Sep 26 06:04:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

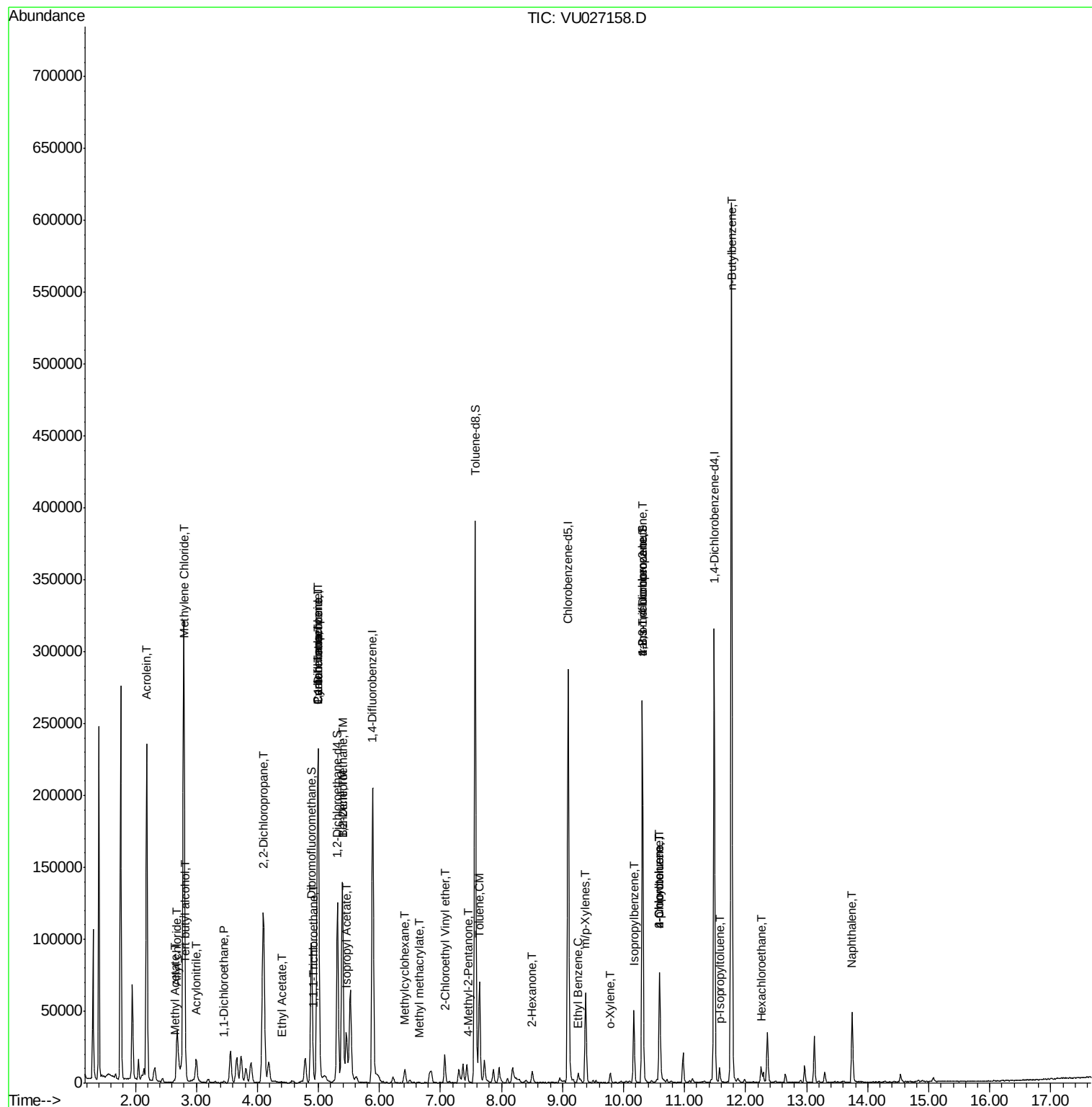
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	12.25	117	528	0.525	ug/l #	13
95) Naphthalene	13.75	128	38379	7.822	ug/l	99

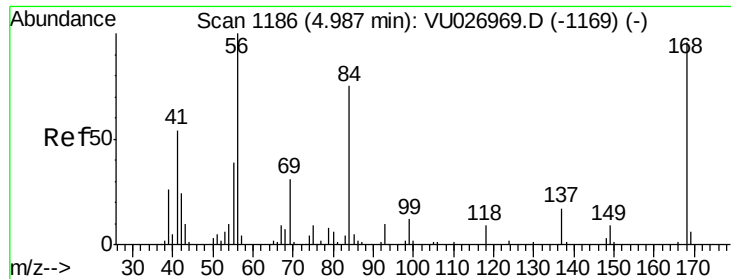
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU092618\
Data File : VU027158.D
Acq On : 26 Sep 2018 04:02
Operator : MD/SY
Sample : J5032-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

Quant Time: Sep 26 06:04:53 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

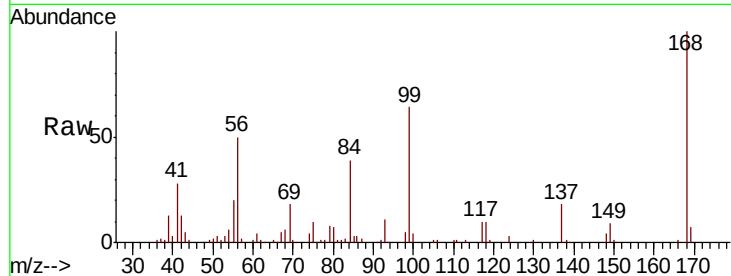
MW-10-092018

Tot Ion:168 Resp: 94154

Ion Ratio Lower Upper

168 100

99 63.6 48.1 72.1

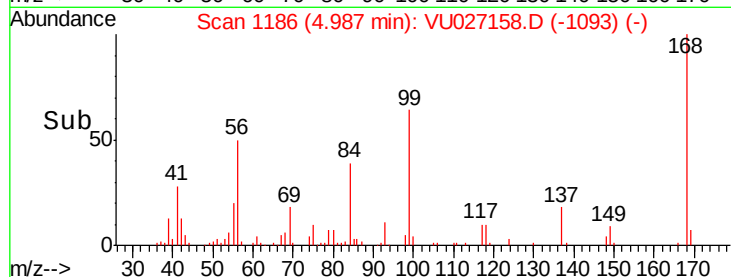


Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

Time-->



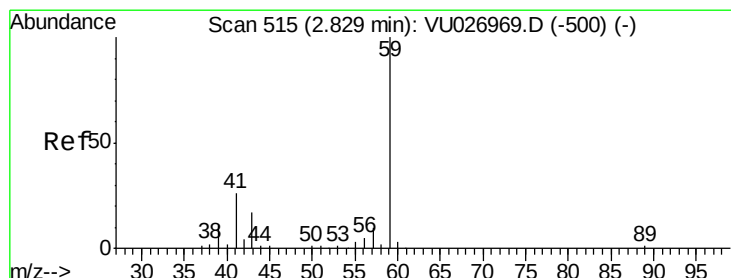
Abundance

Ion 167.90 (167.60 to 168.60): VU027158.D (-1093) (-)

Ion 98.90 (98.60 to 99.60): VU027158.D (-1093) (-)

4.99

Time-->



#11

Tert butyl alcohol

Concen: 1.199 ug/l

RT: 2.83 min Scan# 515

Delta R.T. 0.00 min

Lab File: VU027158.D

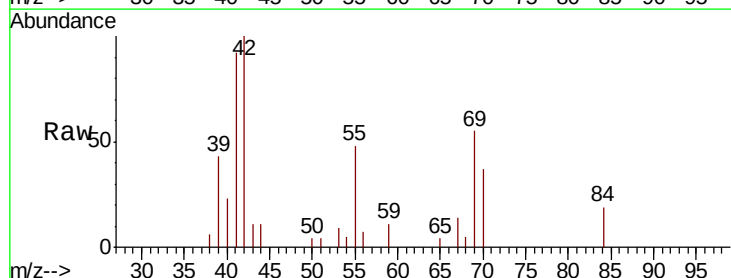
Acq: 26 Sep 2018 04:02

Tgt Ion: 59 Resp: 521

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

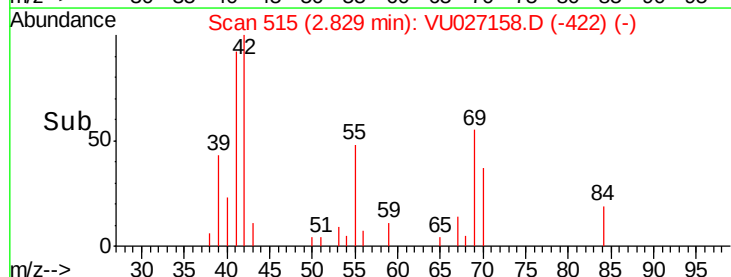


Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)

Ion 57.00 (56.70 to 57.70): VU026969.D (-500) (-)

2.83

Time-->



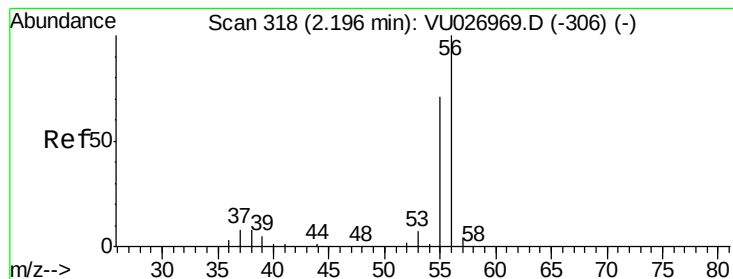
Abundance

Ion 59.00 (58.70 to 59.70): VU027158.D (-422) (-)

Ion 57.00 (56.70 to 57.70): VU027158.D (-422) (-)

2.83

Time-->



#13

Acrolein

Concen: 23.439 ug/l

RT: 2.19 min Scan# 315

Delta R.T. -0.01 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

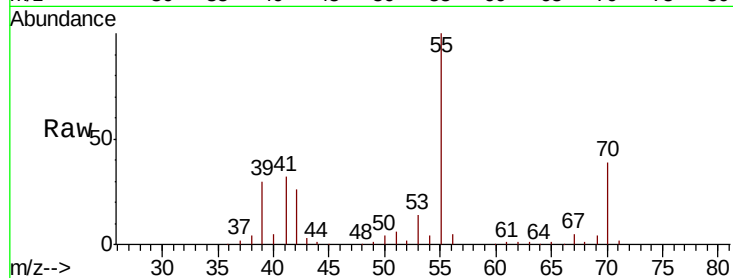
MW-10-092018

Tot Ion: 56 Resp: 5488

Ion Ratio Lower Upper

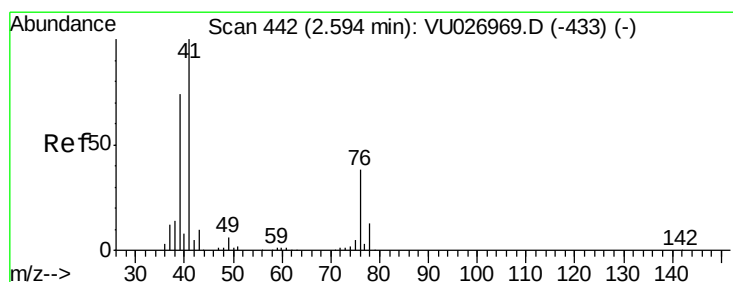
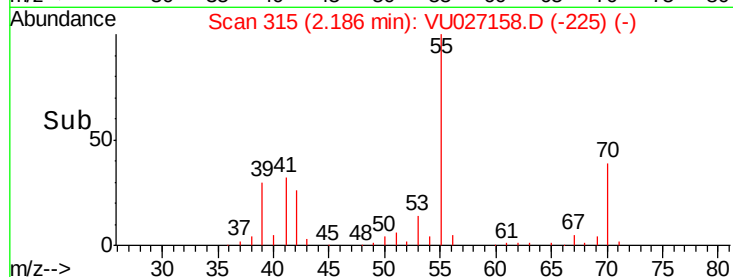
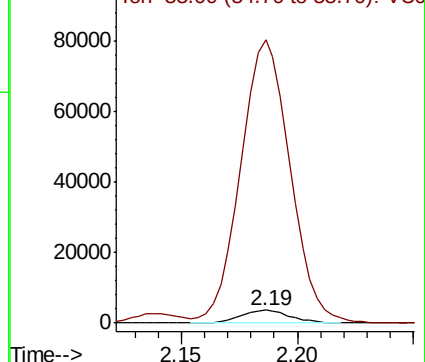
56 100

55 2166.2 57.1 85.7#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 1.192 ug/l

RT: 2.69 min Scan# 472

Delta R.T. 0.10 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

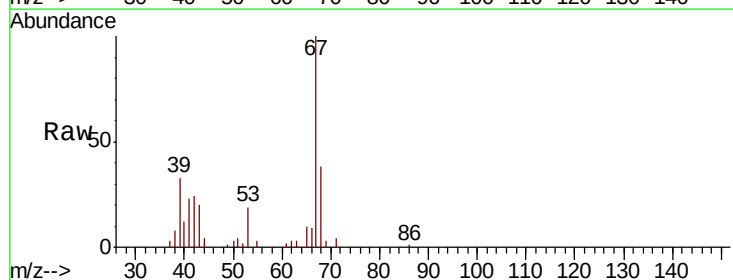
Tgt Ion: 41 Resp: 3145

Ion Ratio Lower Upper

41 100

39 297.4 55.7 83.5#

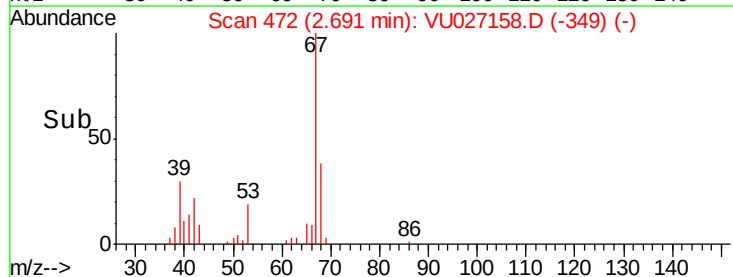
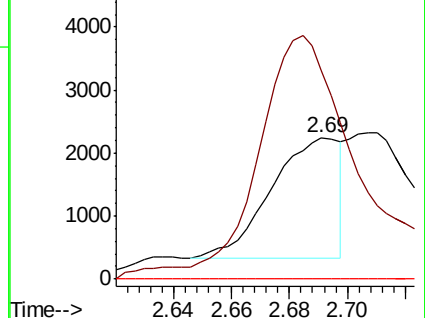
76 0.0 26.5 39.7#

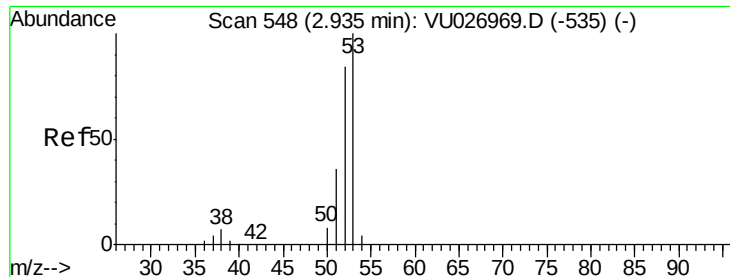


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 0.411 ug/l

RT: 2.99 min Scan# 566

Delta R.T. 0.06 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

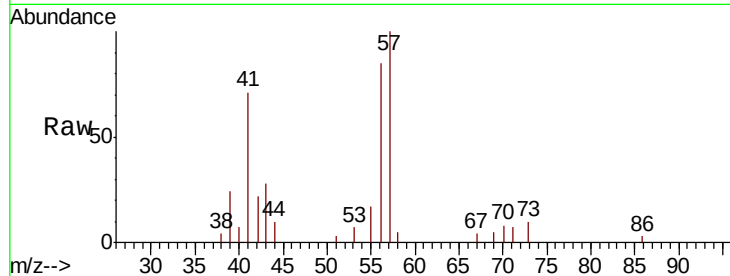
MSVOA_U

ClientSampleId :

MW-10-092018

Tot Ion: 53 Resp: 450

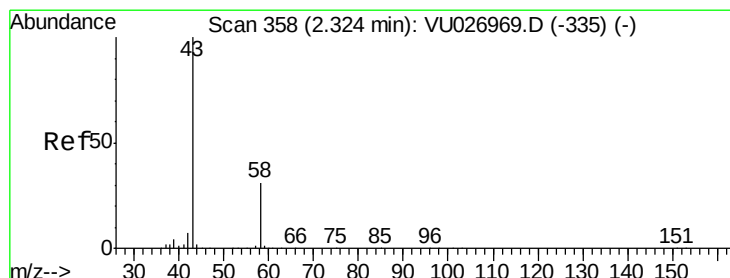
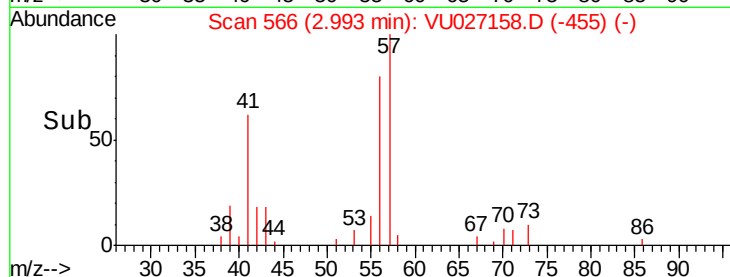
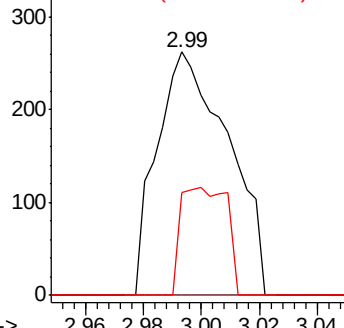
Ion	Ratio	Lower	Upper
53	100		
52	0.0	65.7	98.5#
51	28.7	27.4	41.2



Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



#16

Acetone

Concen: Below Cal

RT: 2.32 min Scan# 357

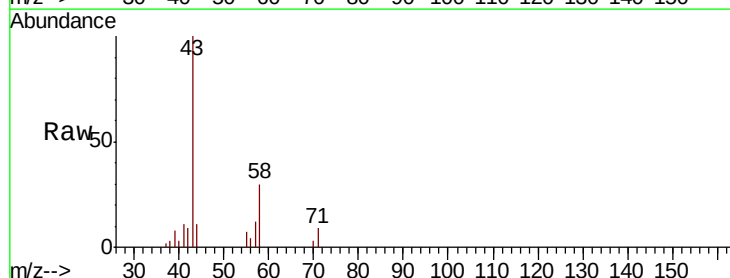
Delta R.T. -0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

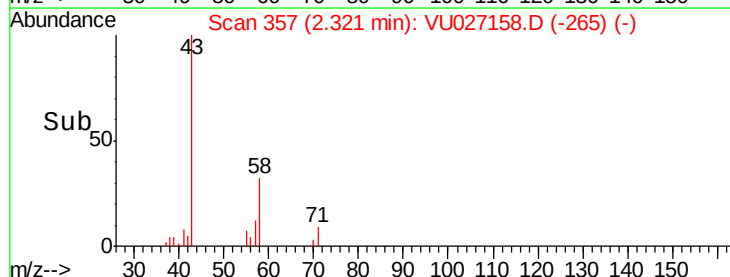
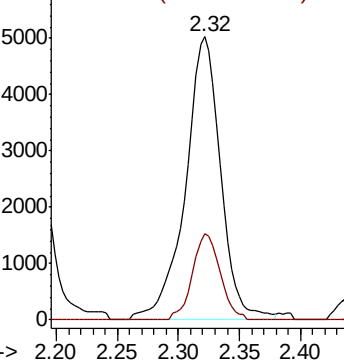
Tgt Ion: 43 Resp: 10030

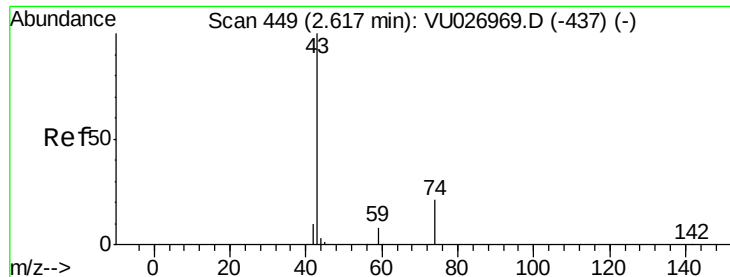
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.6	36.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

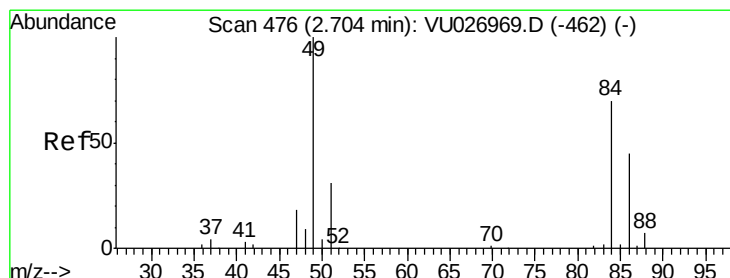
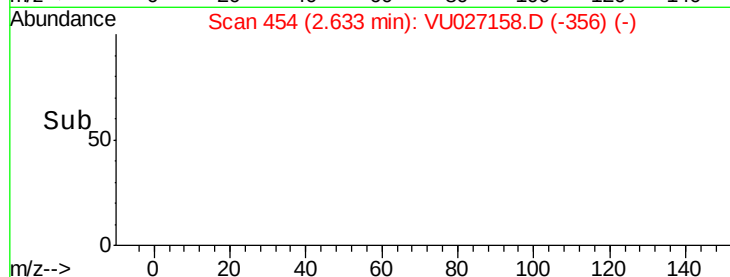
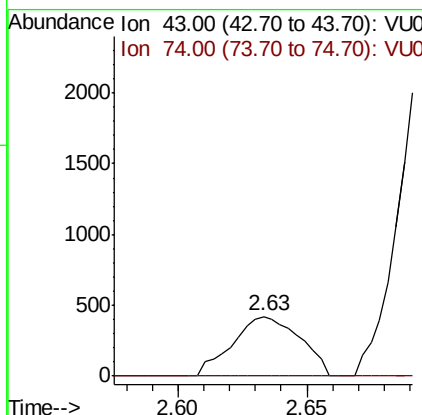
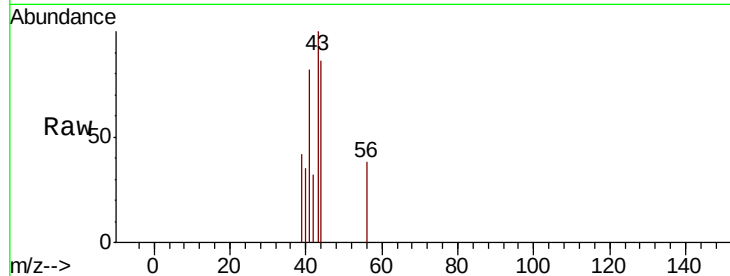




#18
Methyl Acetate
Concen: 0.286 ug/l
RT: 2.63 min Scan# 454
Delta R.T. 0.02 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

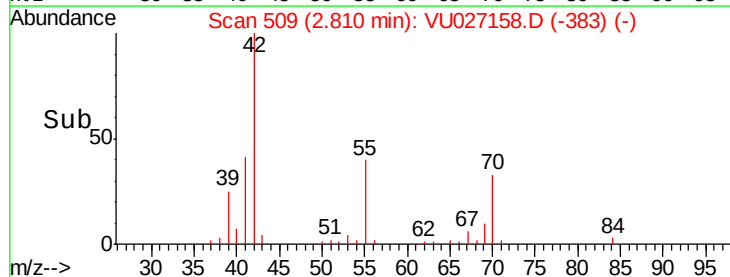
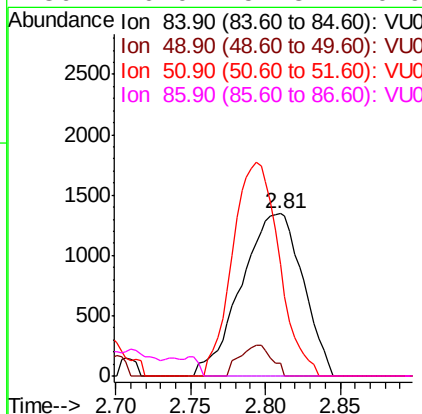
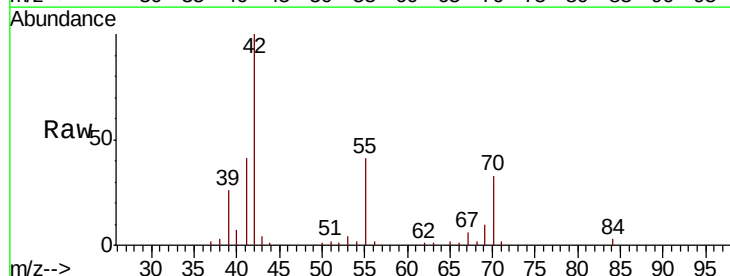
Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

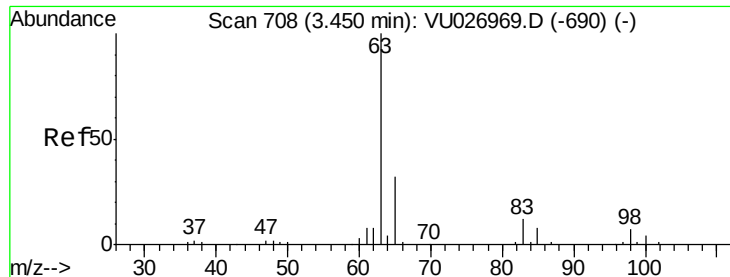
Tot Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#



#20
Methylene Chloride
Concen: 2.261 ug/l
RT: 2.81 min Scan# 509
Delta R.T. 0.11 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Tgt Ion: 84 Resp: 3838
Ion Ratio Lower Upper
84 100
49 7.6 114.9 172.3#
51 68.8 35.8 53.8#
86 0.0 51.3 76.9#





#24

1,1-Dichloroethane

Concen: 0.469 ug/l

RT: 3.46 min Scan# 710

Delta R.T. 0.01 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

MW-10-092018

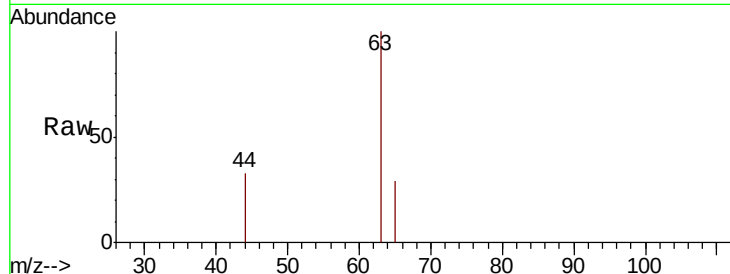
Tot Ion: 63 Resp: 1458

Ion Ratio Lower Upper

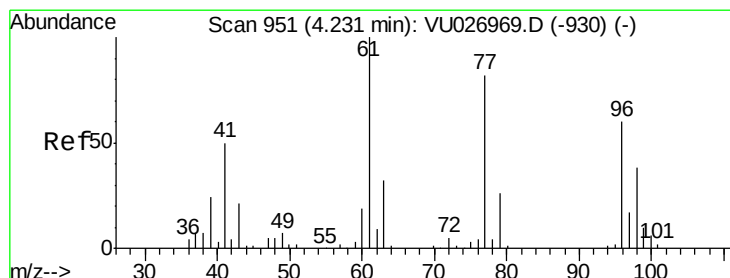
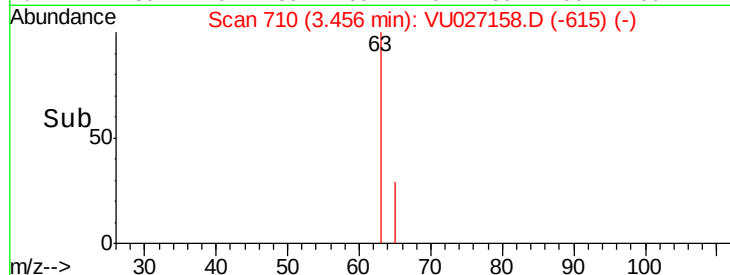
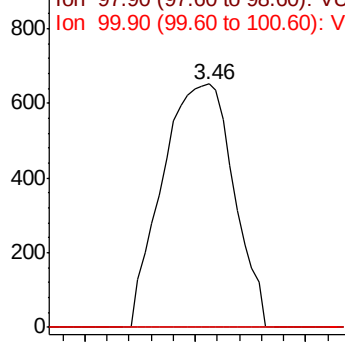
63 100

98 0.0 3.3 9.8#

100 0.0 2.0 5.8#



Abundance Ion 62.90 (62.60 to 63.60): VU027158.D (-615) (-)



#26

2,2-Dichloropropane

Concen: 0.265 ug/l

RT: 4.09 min Scan# 908

Delta R.T. -0.14 min

Lab File: VU027158.D

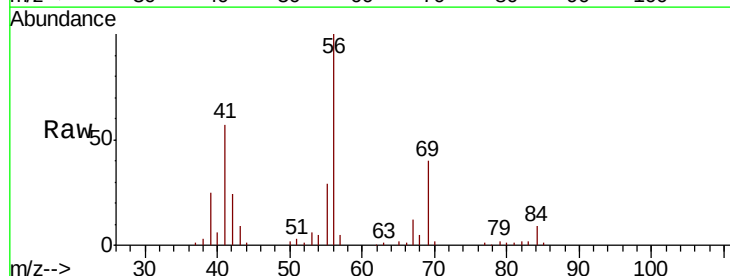
Acq: 26 Sep 2018 04:02

Tgt Ion: 77 Resp: 643

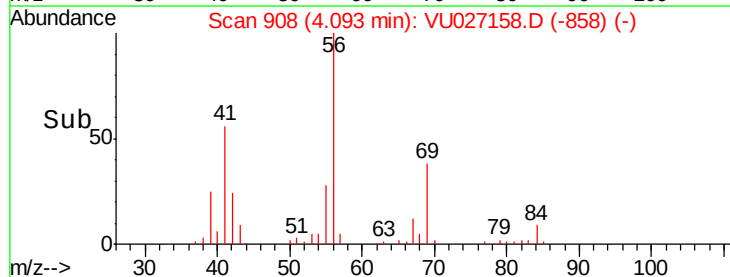
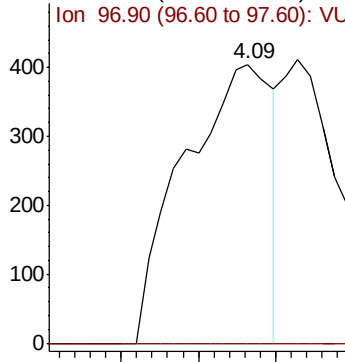
Ion Ratio Lower Upper

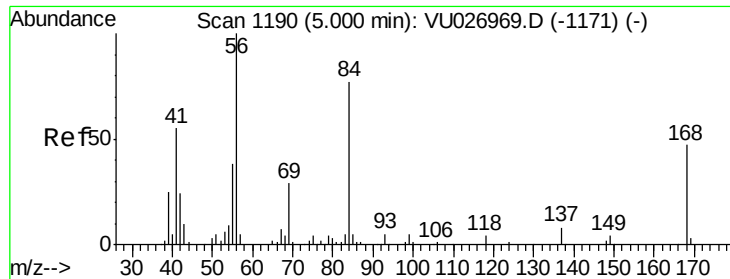
77 100

97 0.0 10.5 31.5#



Abundance Ion 76.90 (76.60 to 77.60): VU027158.D (-858) (-)

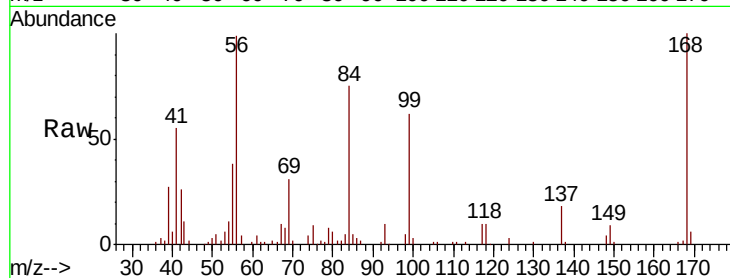




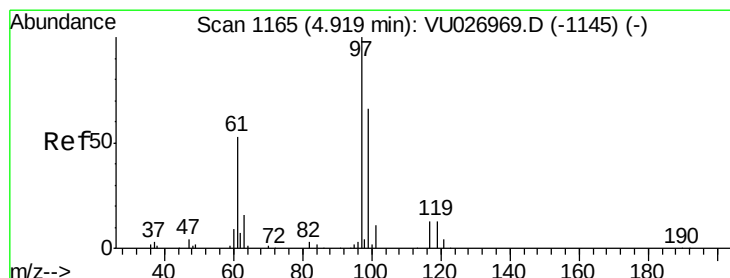
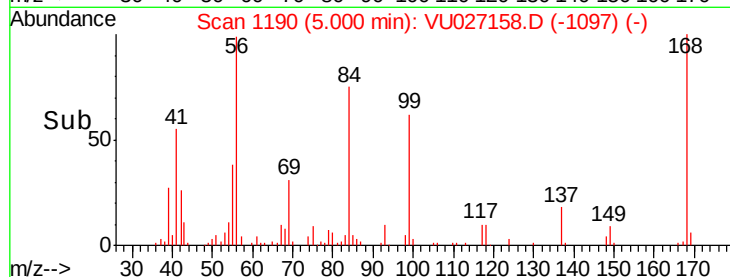
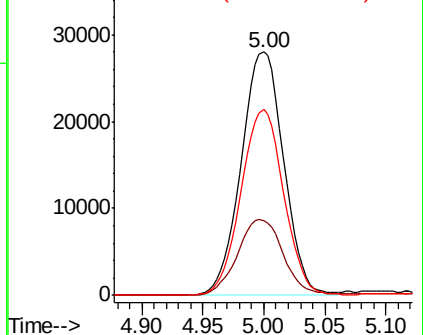
#31
Cyclohexane
Concen: 23.668 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

Tot Ion: 56 Resp: 67702
Ion Ratio Lower Upper
56 100
69 30.9 23.0 34.4
84 76.2 61.4 92.2

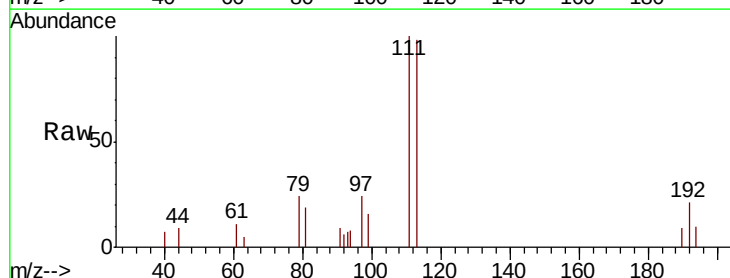


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

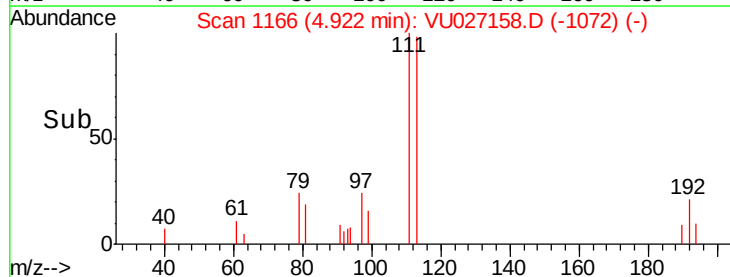
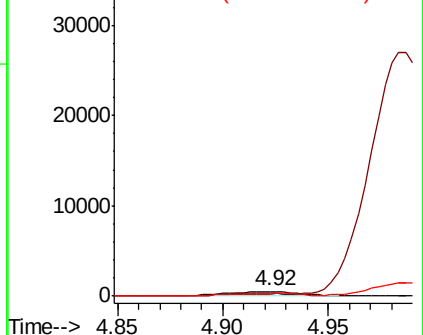


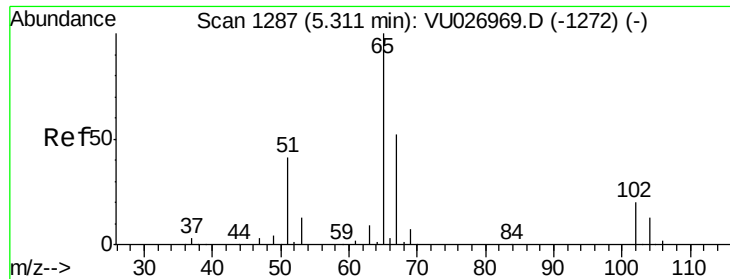
#32
1,1,1-Trichloroethane
Concen: 0.502 ug/l
RT: 4.92 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Tgt Ion: 97 Resp: 1157
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 29.6 41.1 61.7#



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

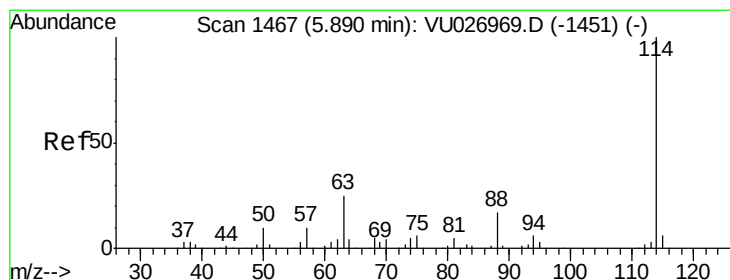
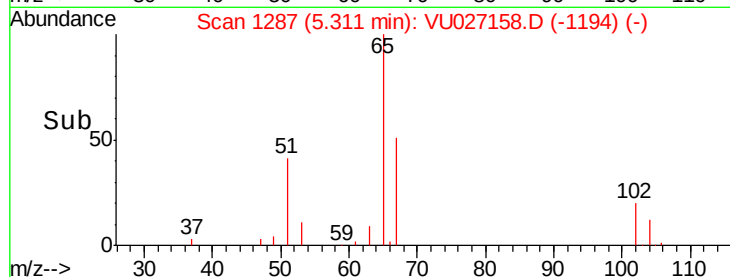
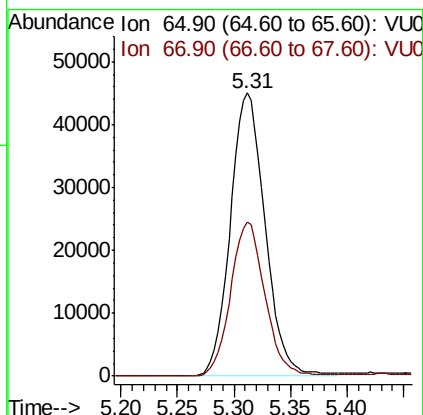
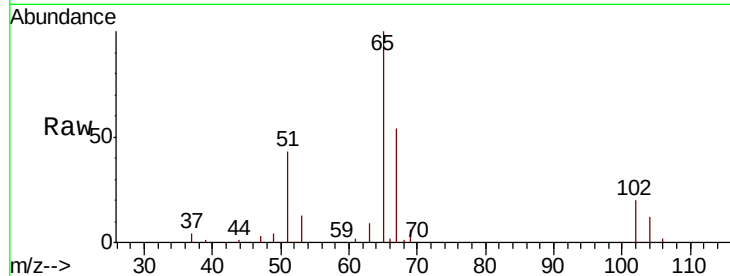




#33
 1,2-Dichloroethane-d4
 Concen: 50.899 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

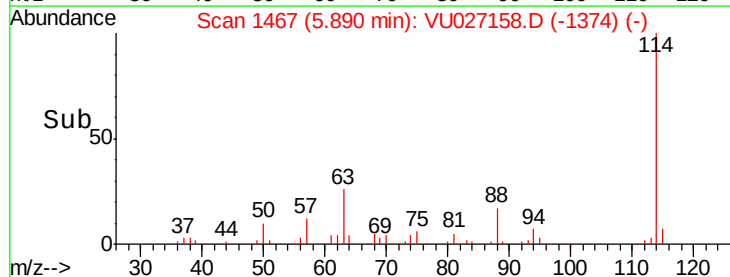
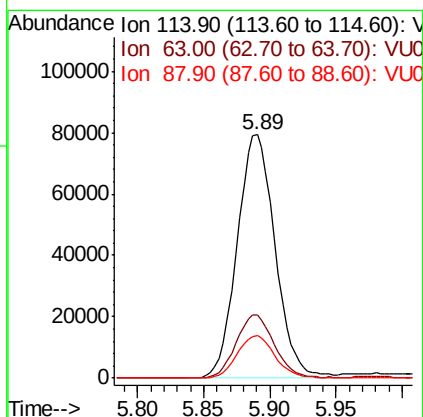
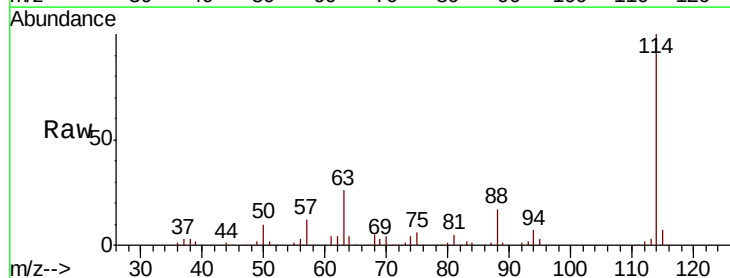
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10-092018

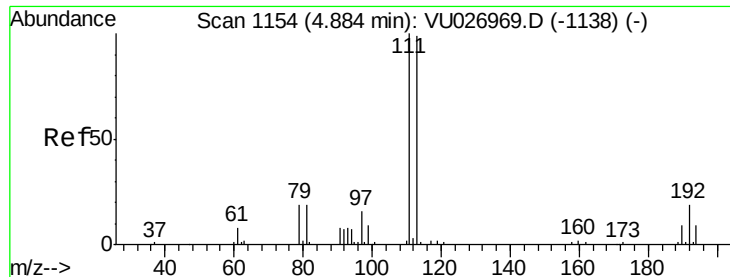
Tot Ion: 65 Resp: 96454
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

Tgt Ion: 114 Resp: 157781
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.4 0.0 33.8

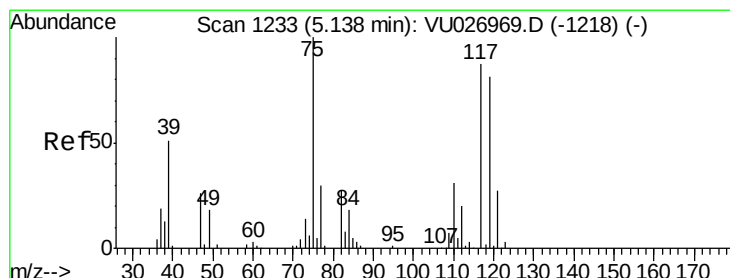
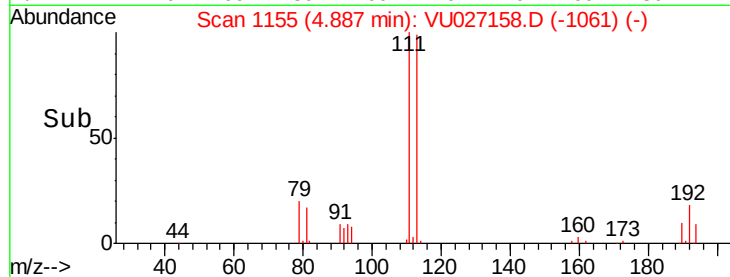
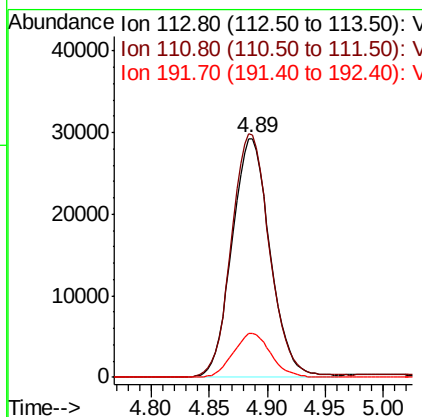
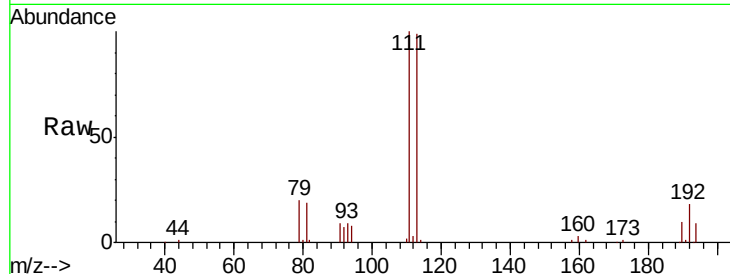




#35
 Dibromofluoromethane
 Concen: 49.040 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

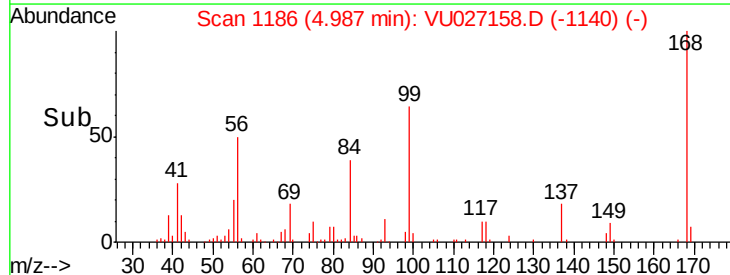
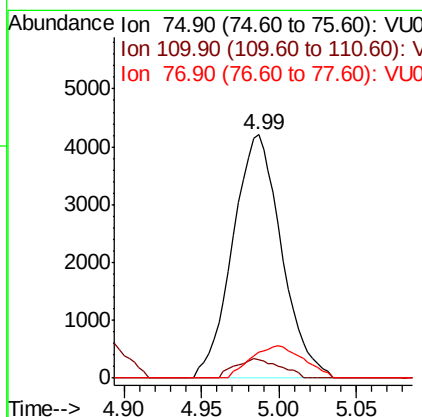
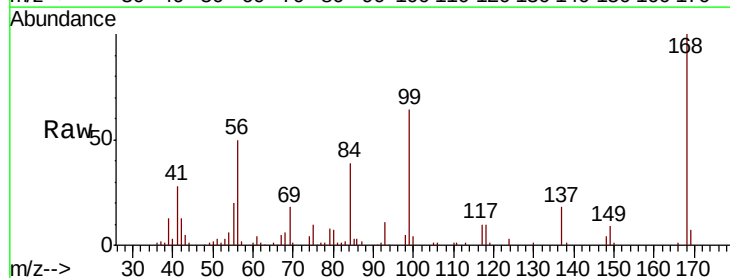
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10-092018

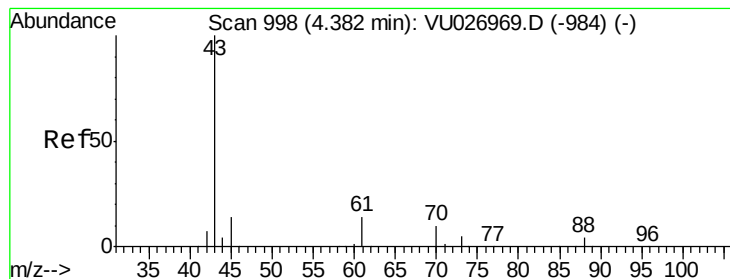
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.2	123.4
192	18.2	15.2	22.8



#36
 1,1-Dichloropropene
 Concen: 4.369 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.3	16.1	48.2#
77	14.3	24.6	36.8#





#37

Ethyl Acetate

Concen: 0.614 ug/l

RT: 4.40 min Scan# 1005

Delta R.T. 0.02 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

MW-10-092018

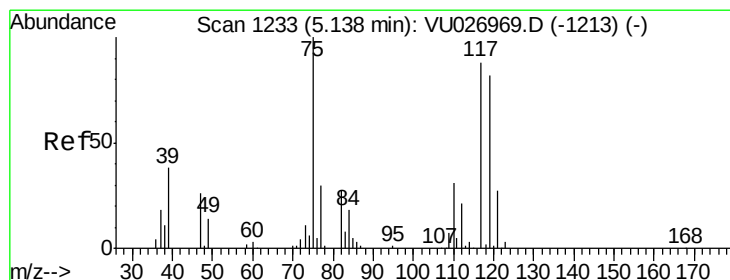
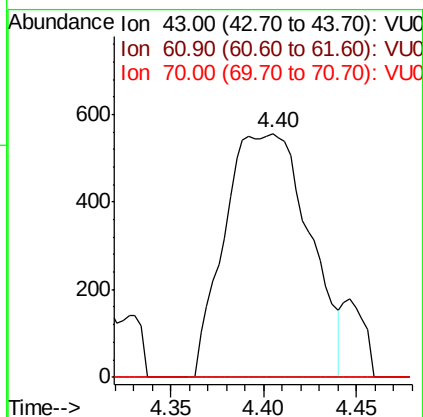
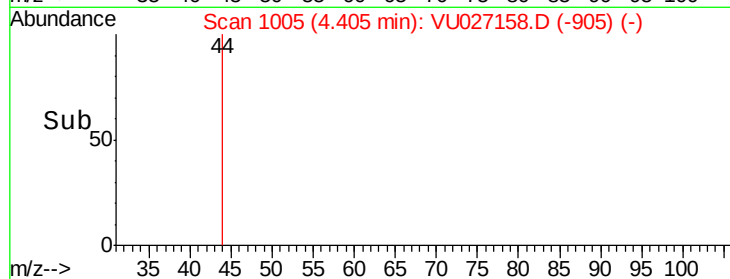
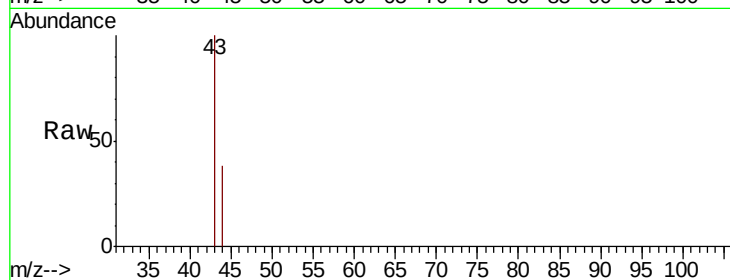
Tot Ion: 43 Resp: 1750

Ion Ratio Lower Upper

43 100

61 0.0 10.5 15.7#

70 0.0 7.4 11.0#



#38

Carbon Tetrachloride

Concen: 4.853 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

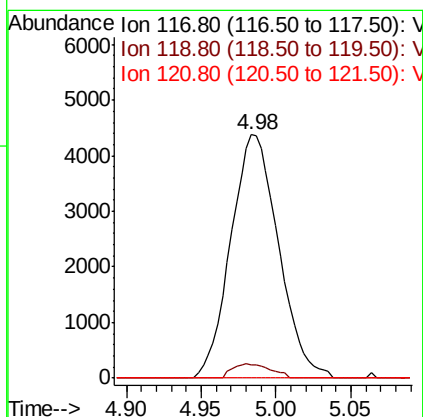
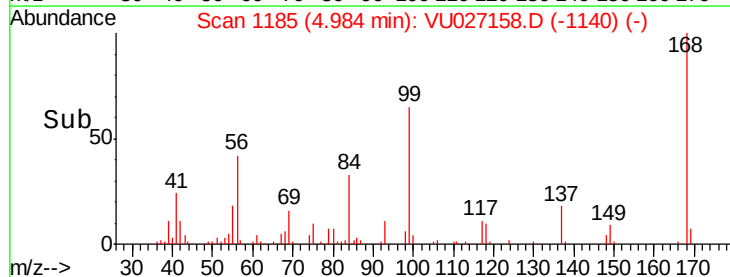
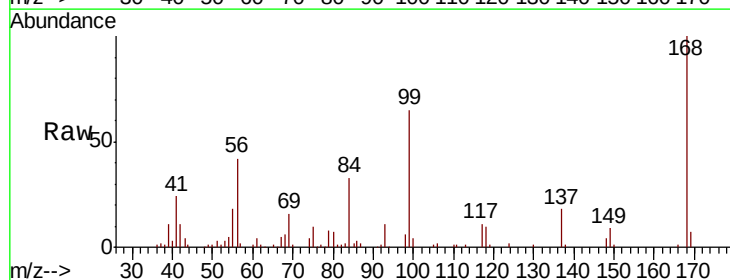
Tgt Ion: 117 Resp: 9726

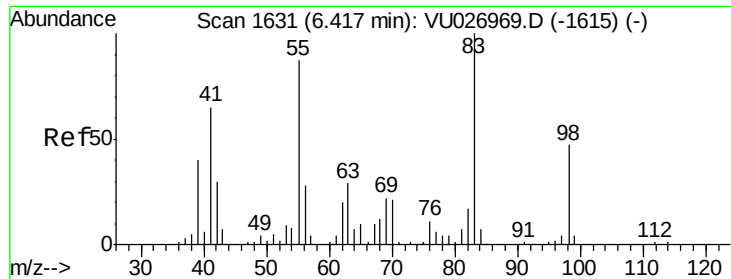
Ion Ratio Lower Upper

117 100

119 5.6 74.4 111.6#

121 0.0 24.2 36.4#

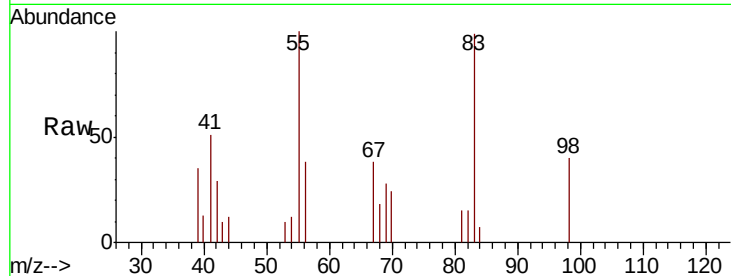




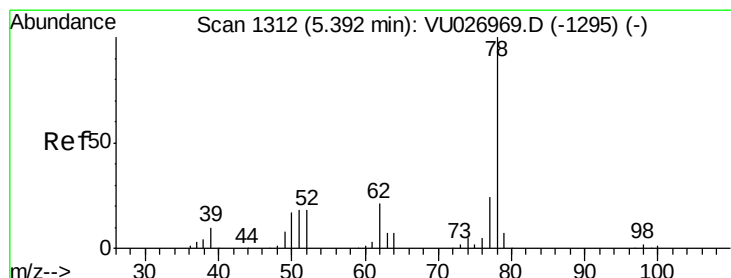
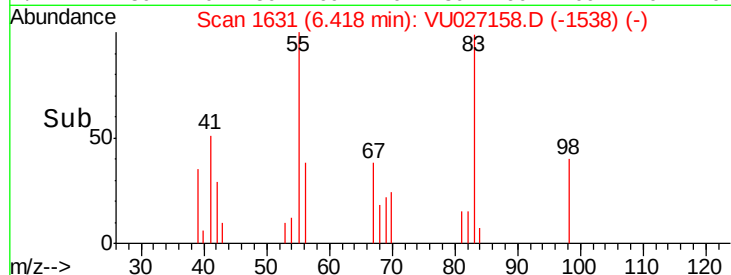
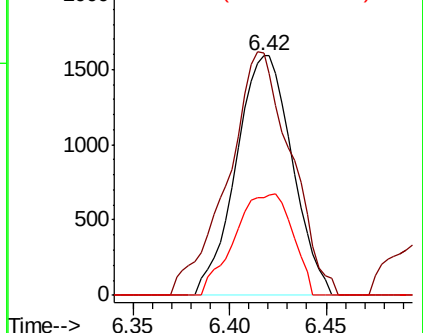
#39
Methylvlcyclohexane
Concen: 1.401 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

Tot Ion: 83 Resp: 3206
Ion Ratio Lower Upper
83 100
55 101.3 69.9 104.9
98 40.9 37.5 56.3

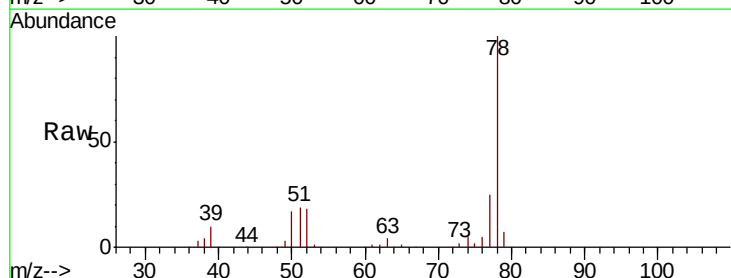


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

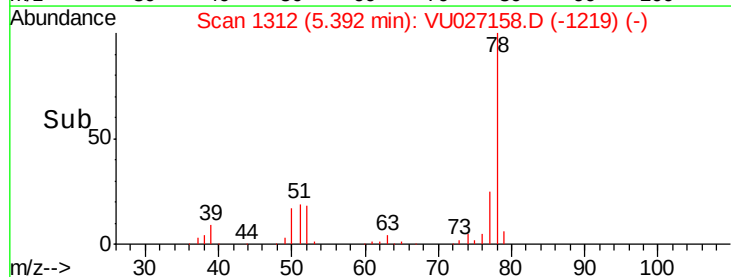
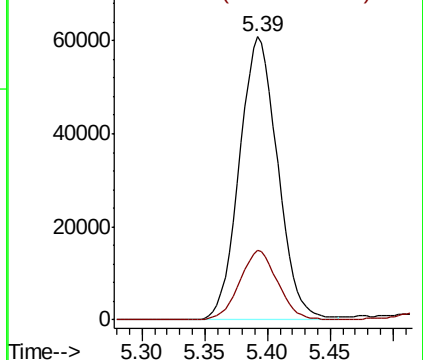


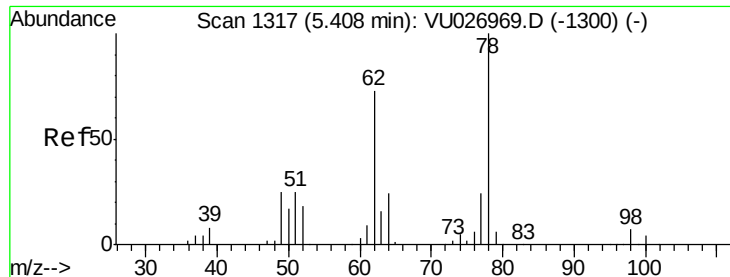
#40
Benzene
Concen: 20.181 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Tgt Ion: 78 Resp: 129189
Ion Ratio Lower Upper
78 100
77 24.6 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

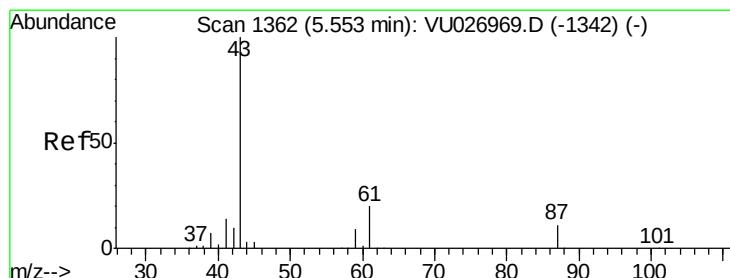
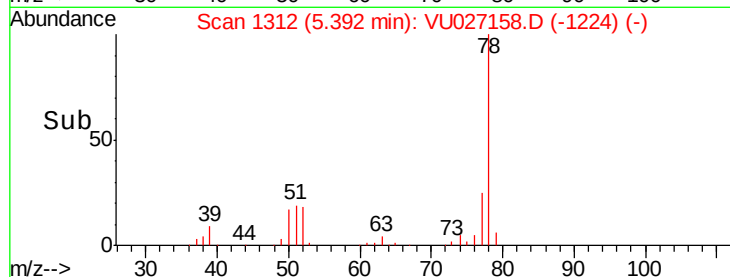
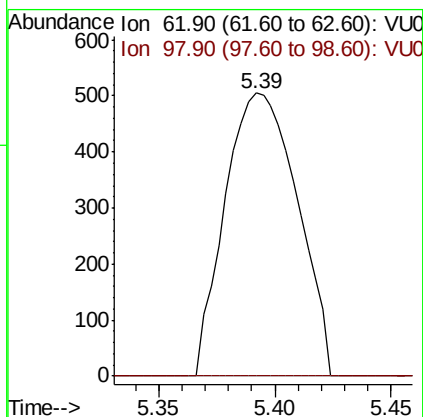
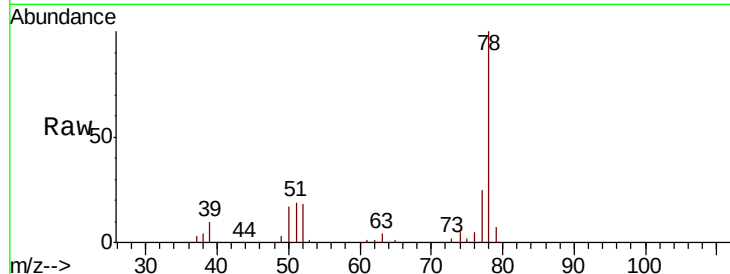




#42
 1,2-Dichloroethane
 Concen: 0.452 ug/l
 RT: 5.39 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

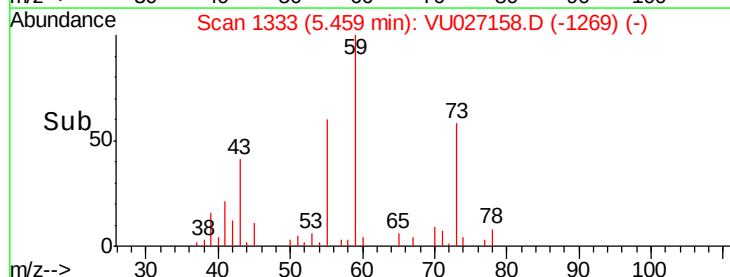
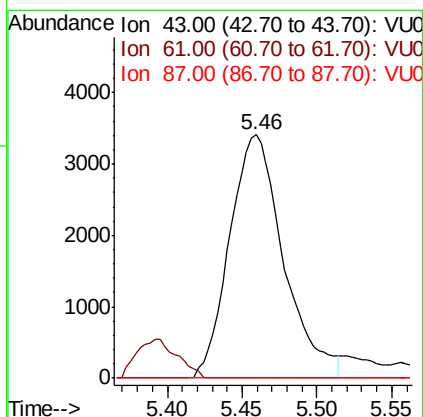
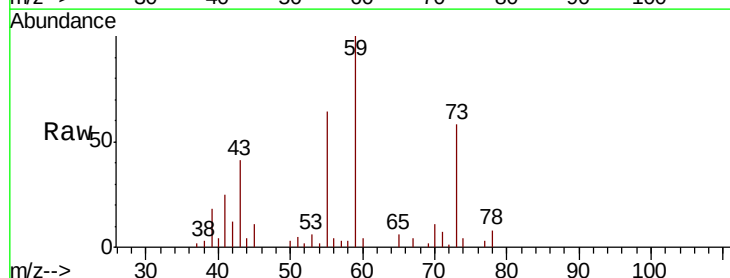
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10-092018

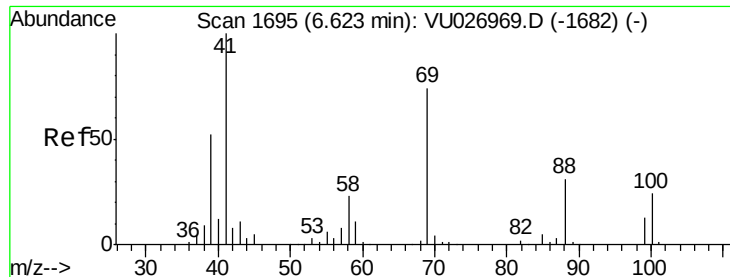
Tot Ion: 62 Resp: 1094
 Ion Ratio Lower Upper
 62 100
 98 0.0 0.0 17.0



#43
 Isopropyl Acetate
 Concen: 2.059 ug/l
 RT: 5.46 min Scan# 1333
 Delta R.T. -0.09 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

Tgt Ion: 43 Resp: 8559
 Ion Ratio Lower Upper
 43 100
 61 0.0 15.7 23.5#
 87 0.0 9.0 13.4#





#48

Methvl methacrylate

Concen: 1.068 ug/l

RT: 6.65 min Scan# 1703

Delta R.T. 0.03 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

MW-10-092018

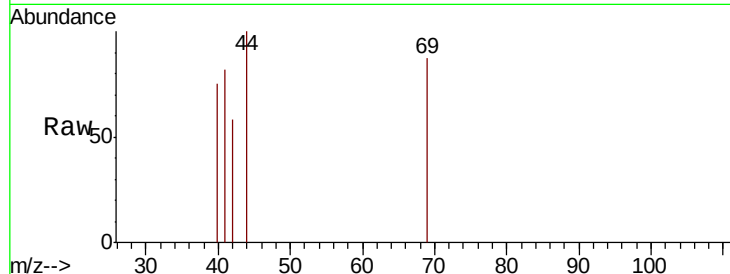
Tot Ion: 41 Resp: 129

Ion Ratio Lower Upper

41 100

69 145.7 60.6 90.8#

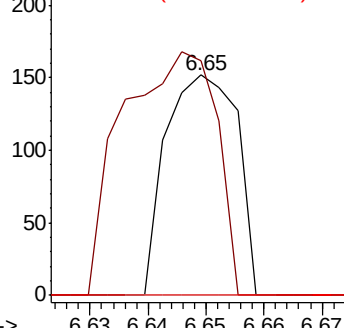
39 0.0 42.8 64.2#



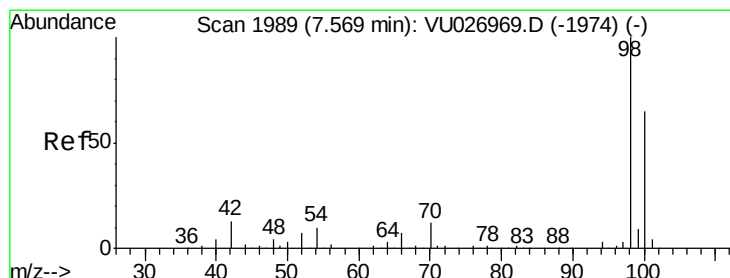
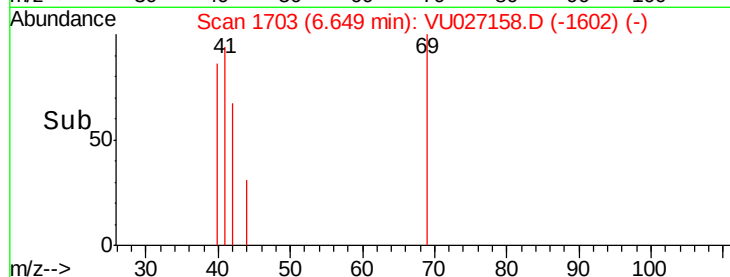
Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



Time-->



#50

Toluene-d8

Concen: 49.140 ug/l

RT: 7.57 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VU027158.D

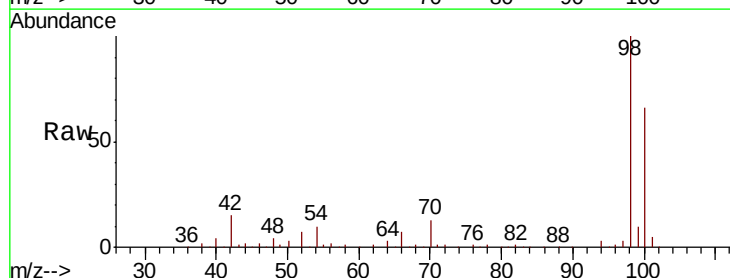
Acq: 26 Sep 2018 04:02

Tgt Ion: 98 Resp: 256125

Ion Ratio Lower Upper

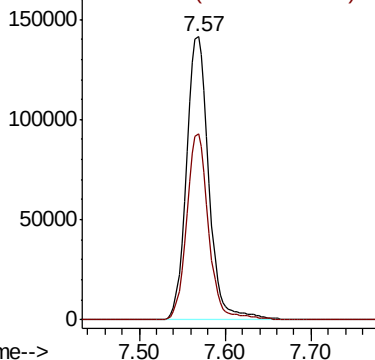
98 100

100 64.4 52.1 78.1

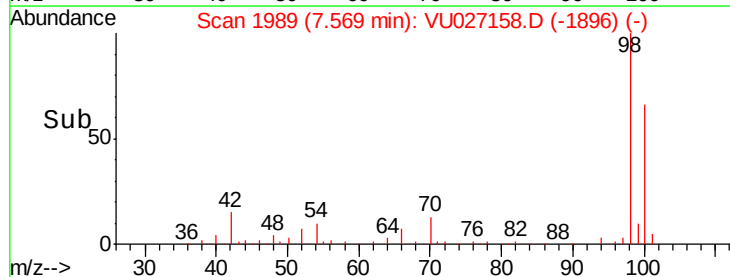


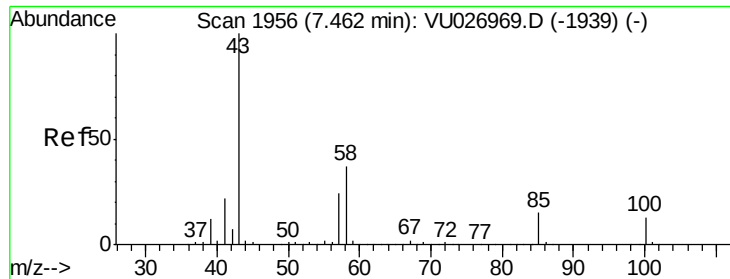
Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 0.237 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

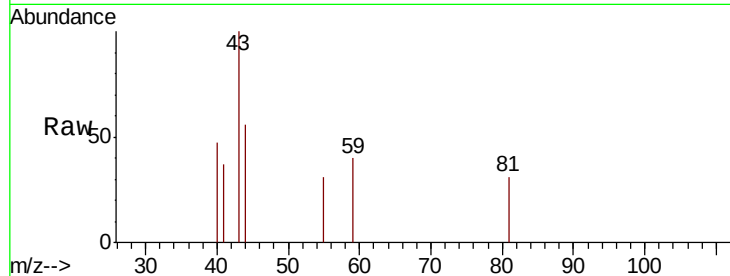
MW-10-092018

Tot Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

58 0.0 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.47

300

200

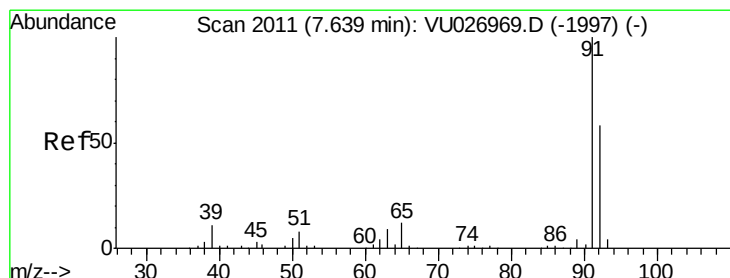
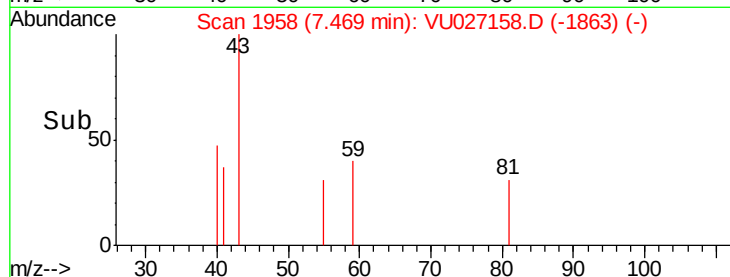
100

0

7.45

7.50

Time-->



#52

Toluene

Concen: 7.408 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027158.D

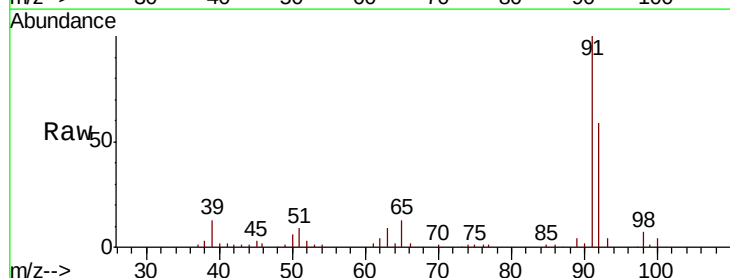
Acq: 26 Sep 2018 04:02

Tgt Ion: 92 Resp: 27182

Ion Ratio Lower Upper

92 100

91 173.6 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VU026969.D (-1997) (-)

Ion 91.00 (90.70 to 91.70): VU026969.D (-1997) (-)

30000

25000

20000

15000

10000

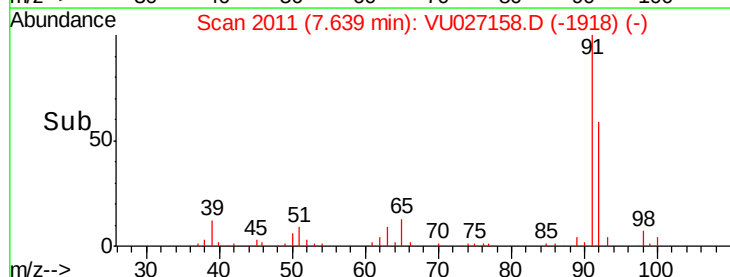
5000

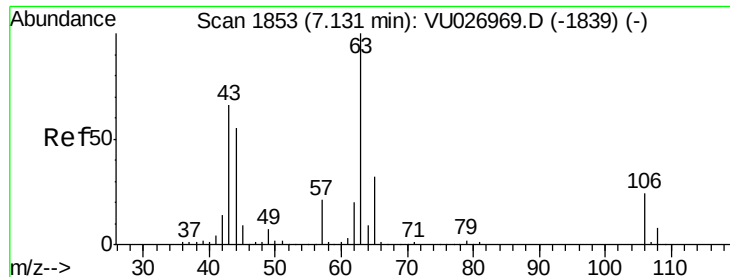
0

7.60

7.70

Time-->

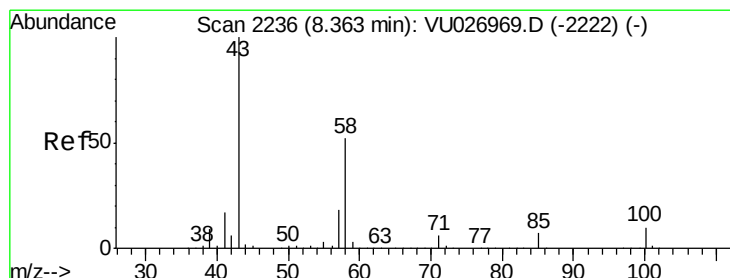
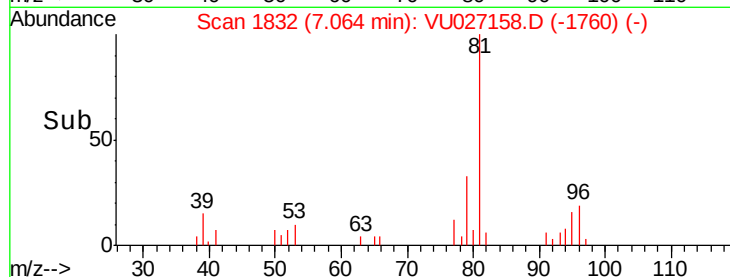
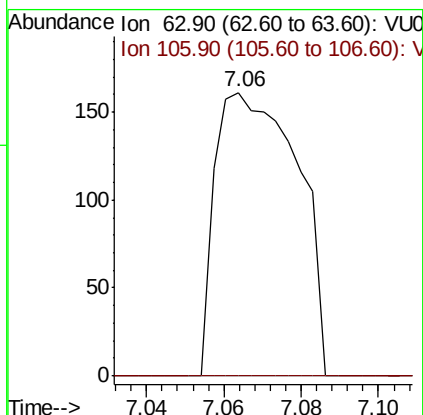
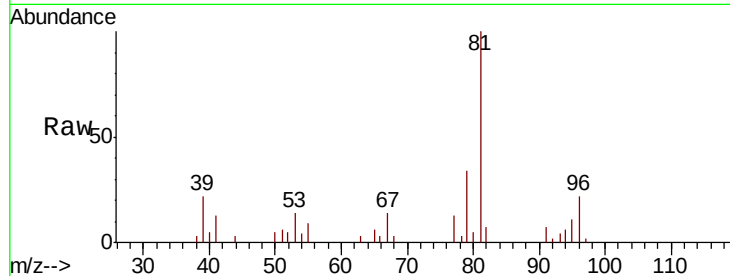




#58
 2-Chloroethyl Vinyl ether
 Concen: 5.014 ug/l
 RT: 7.06 min Scan# 1832
 Delta R.T. -0.07 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

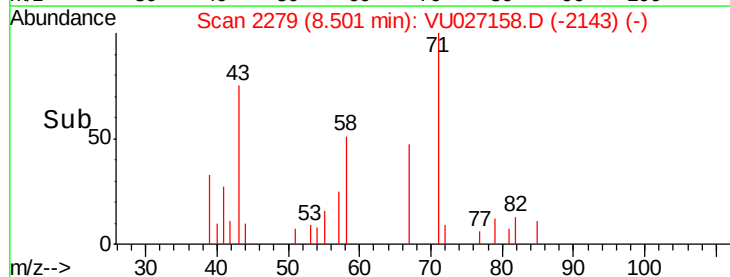
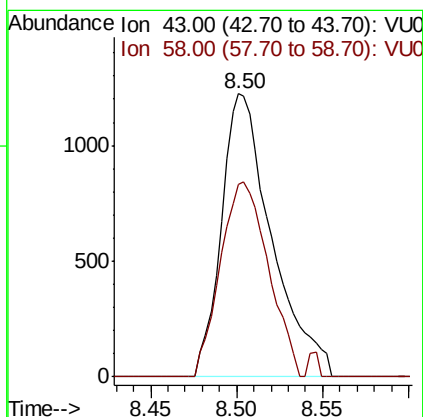
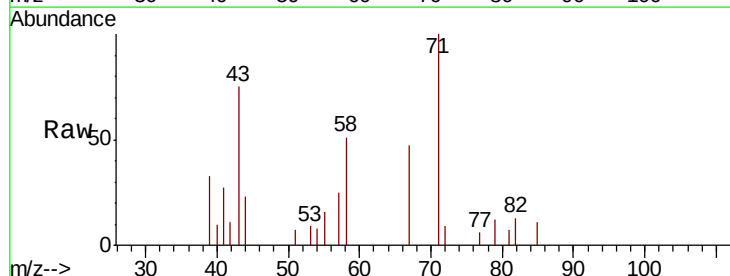
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10-092018

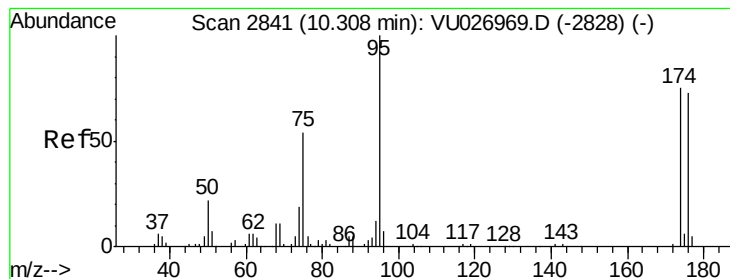
Tot Ion: 63 Resp: 238
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.7 28.1#



#59
 2-Hexanone
 Concen: 1.136 ug/l
 RT: 8.50 min Scan# 2279
 Delta R.T. 0.14 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

Tgt Ion: 43 Resp: 2486
 Ion Ratio Lower Upper
 43 100
 58 65.7 26.1 78.2





#62

4-Bromofluorobenzene

Concen: 48.284 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

MW-10-092018

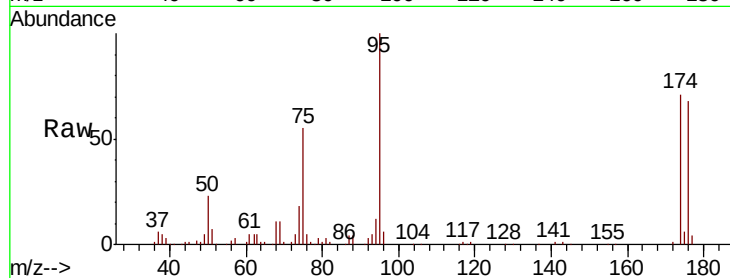
Tot Ion: 95 Resp: 86354

Ion Ratio Lower Upper

95 100

174 72.3 0.0 150.2

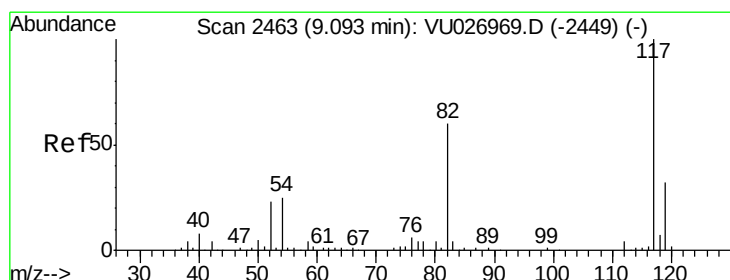
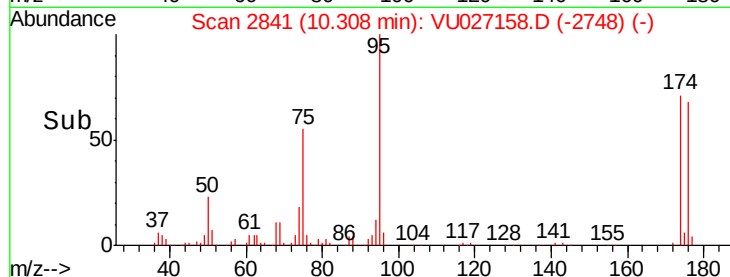
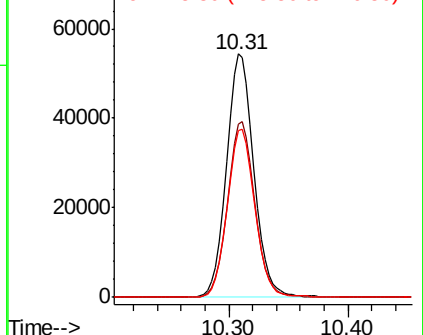
176 69.7 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

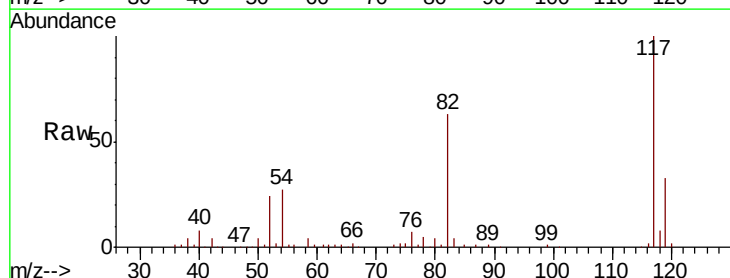
Tgt Ion: 117 Resp: 150639

Ion Ratio Lower Upper

117 100

82 62.8 48.0 72.0

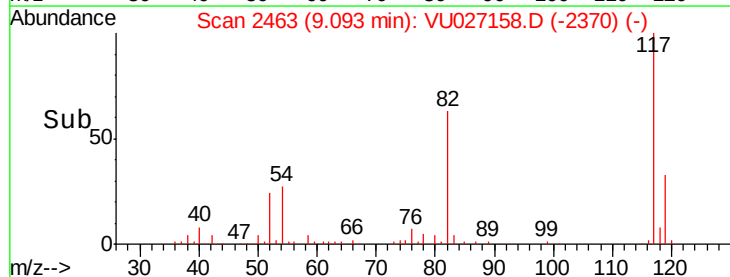
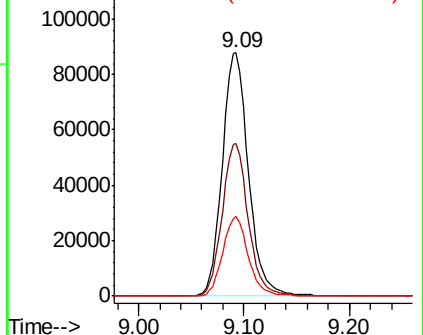
119 32.6 25.8 38.8

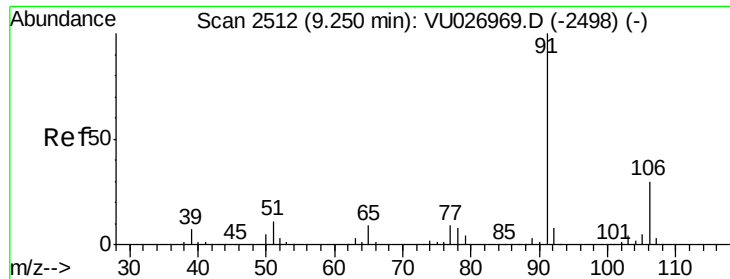


Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)

Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)

Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)

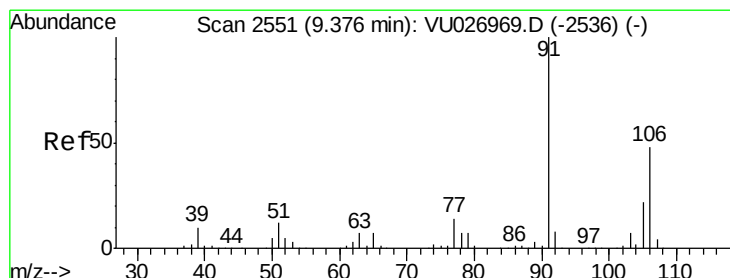
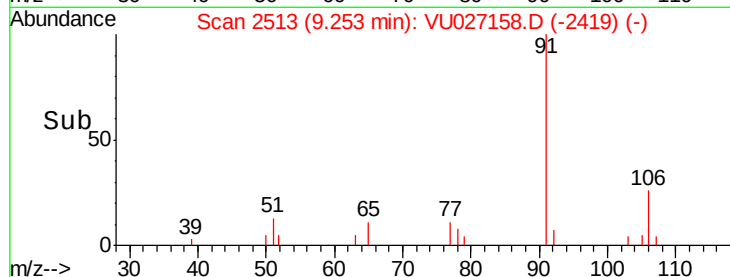
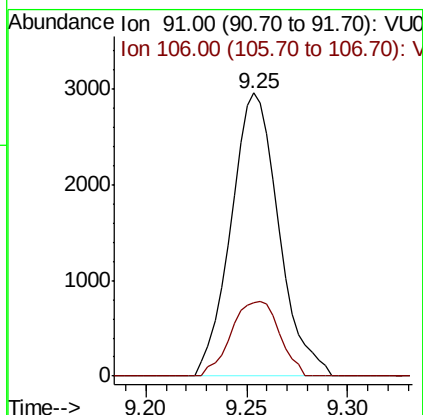
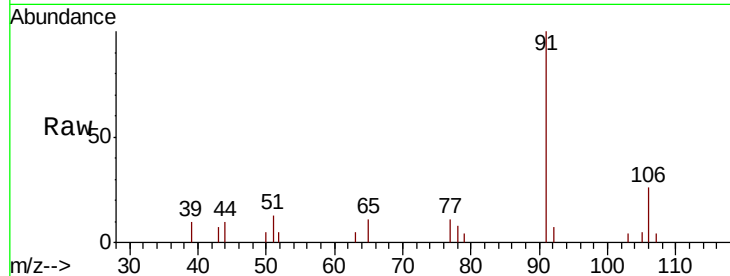




#67
Ethyl Benzene
Concen: 0.746 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

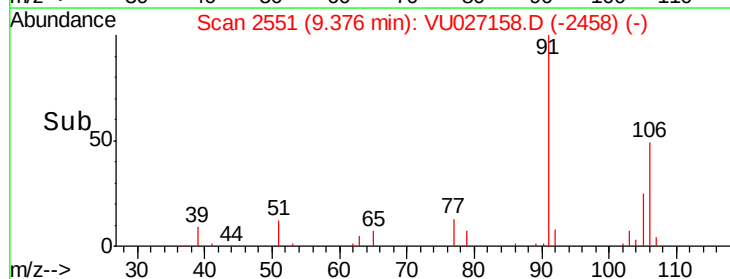
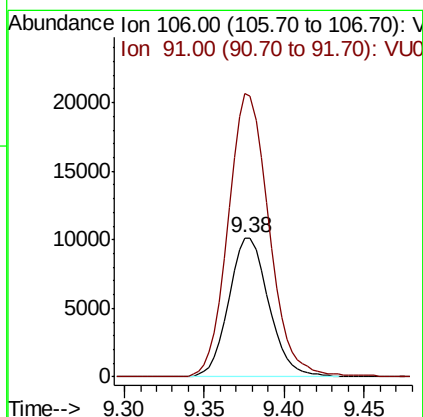
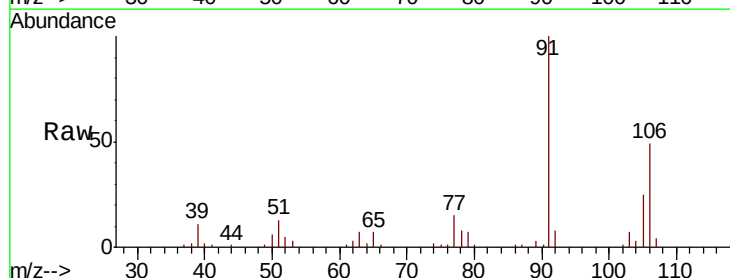
Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

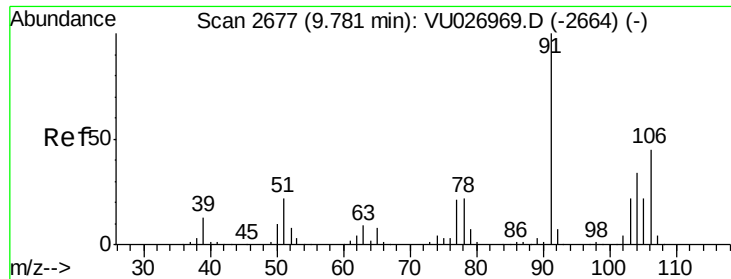
Tot Ion: 91 Resp: 4902
Ion Ratio Lower Upper
91 100
106 25.8 23.8 35.8



#68
m/p-Xylenes
Concen: 7.919 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Tgt Ion: 106 Resp: 17332
Ion Ratio Lower Upper
106 100
91 207.3 166.5 249.7

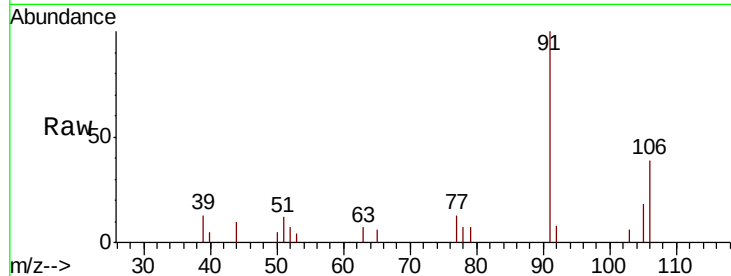




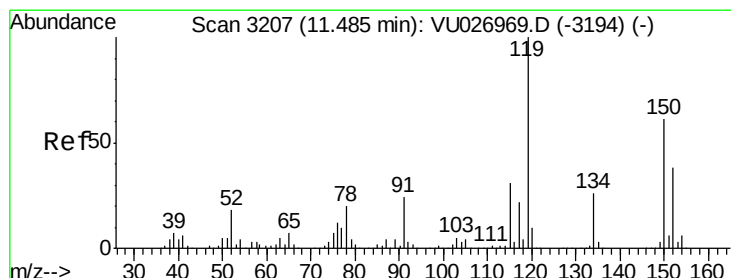
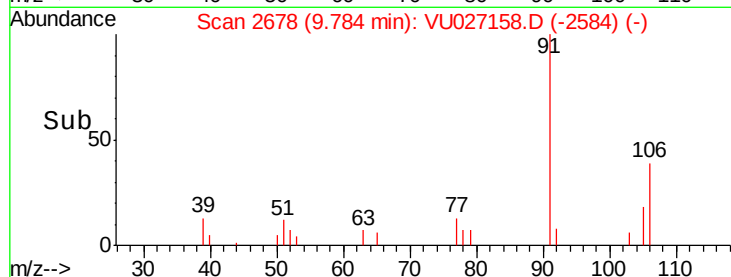
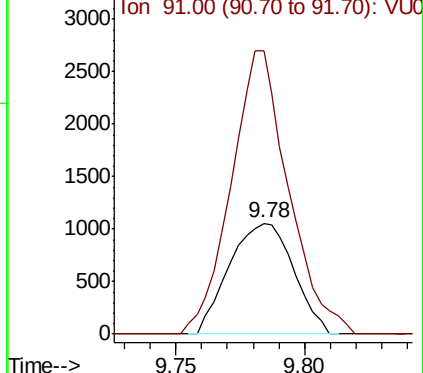
#69
o-Xylene
Concen: 0.788 ug/l
RT: 9.78 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

Tot Ion:106 Resp: 1833
Ion Ratio Lower Upper
106 100
91 228.7 110.2 330.6

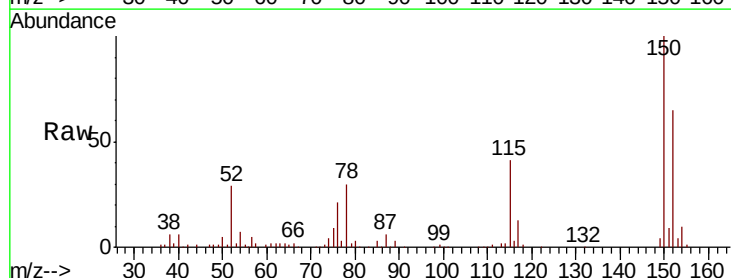


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

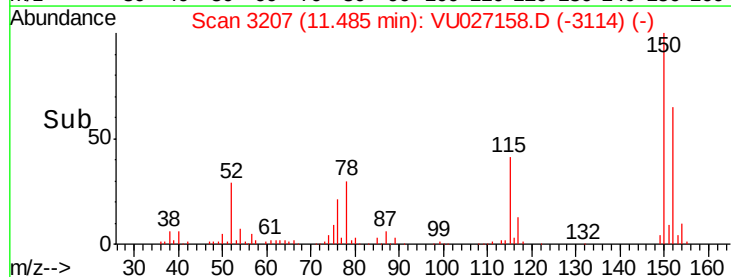
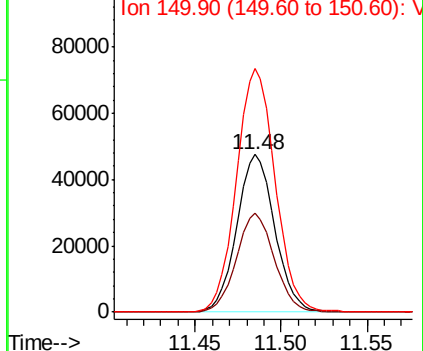


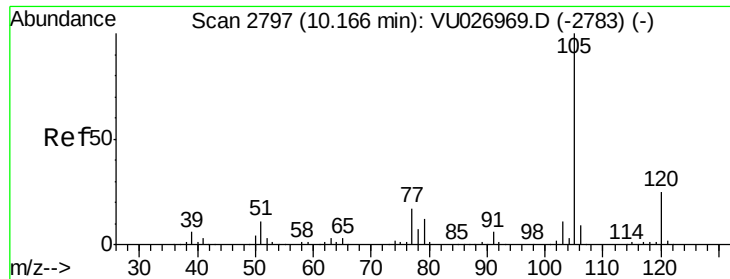
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Tgt Ion:152 Resp: 73028
Ion Ratio Lower Upper
152 100
115 62.8 44.9 134.5
150 157.6 0.0 355.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.458 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

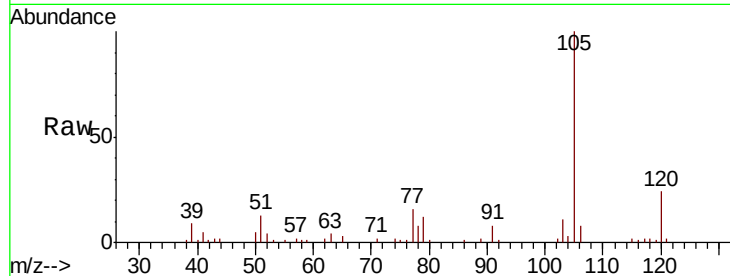
MW-10-092018

Tot Ion:105 Resp: 30319

Ion Ratio Lower Upper

105 100

120 24.4 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

15000

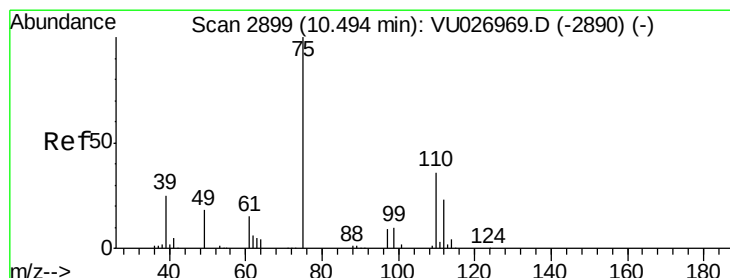
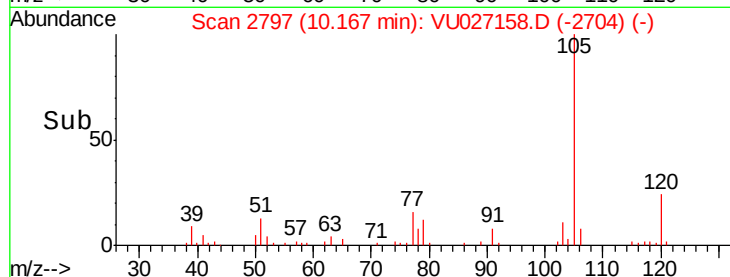
10000

5000

0

10.10 10.15 10.20 10.25

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.302 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027158.D

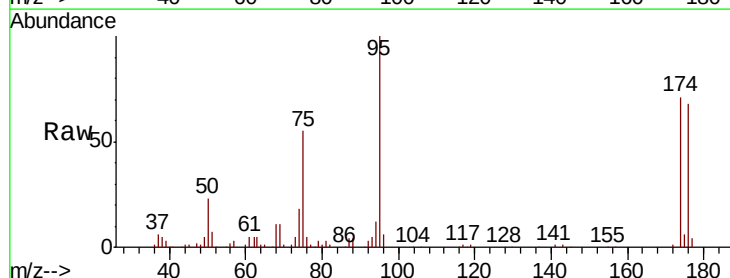
Acq: 26 Sep 2018 04:02

Tgt Ion: 75 Resp: 47259

Ion Ratio Lower Upper

75 100

77 1.1 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

30000

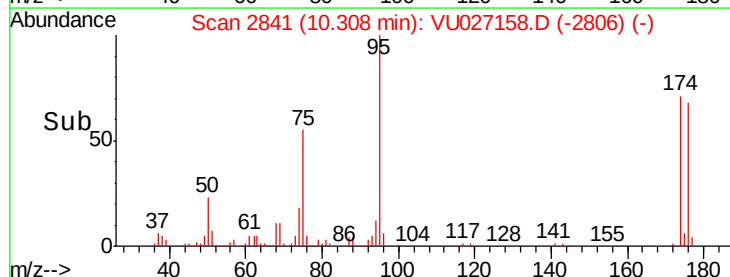
20000

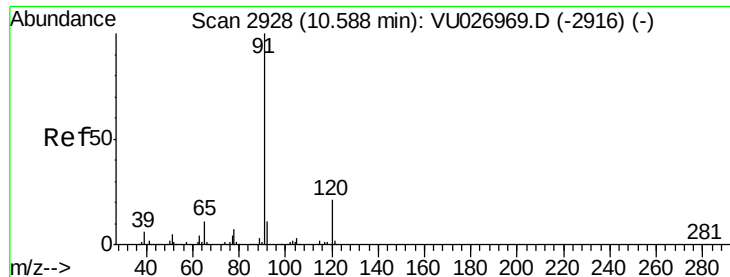
10000

0

10.30 10.40

Time-->





#78

n-propylbenzene

Concen: 8.632 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

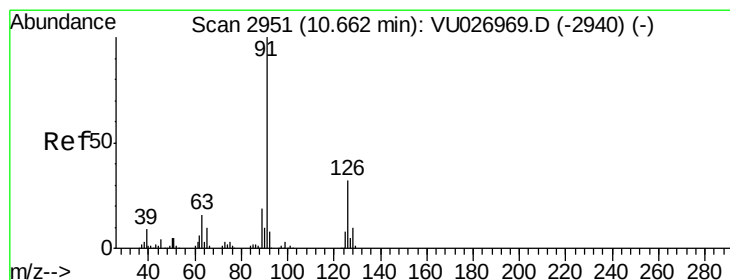
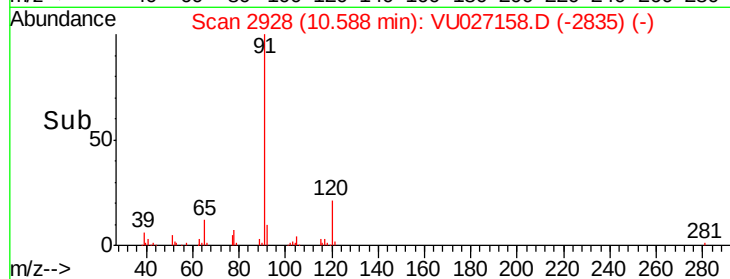
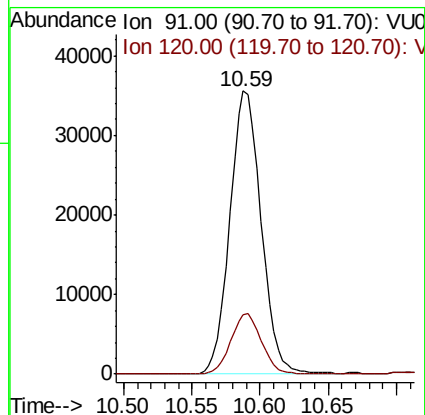
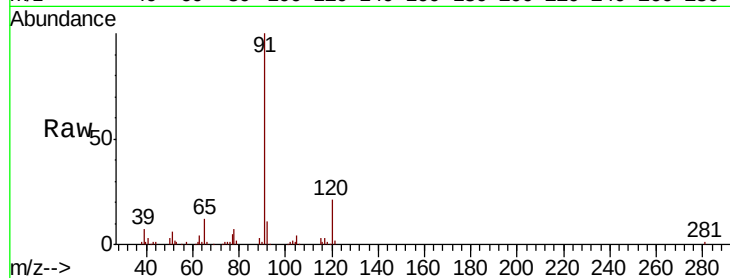
MW-10-092018

Tot Ion: 91 Resp: 56740

Ion Ratio Lower Upper

91 100

120 20.8 10.6 31.8



#79

2-Chlorotoluene

Concen: 13.743 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.07 min

Lab File: VU027158.D

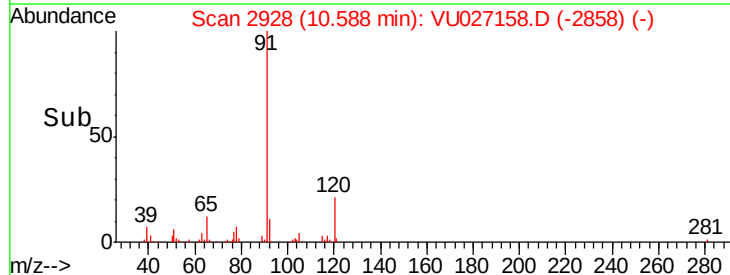
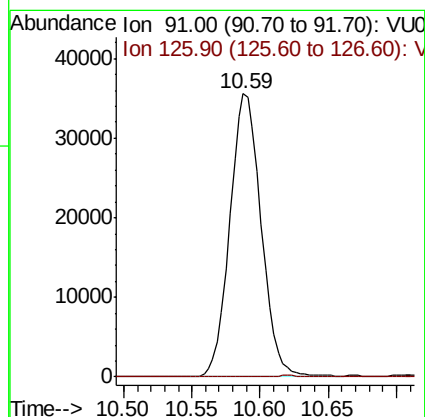
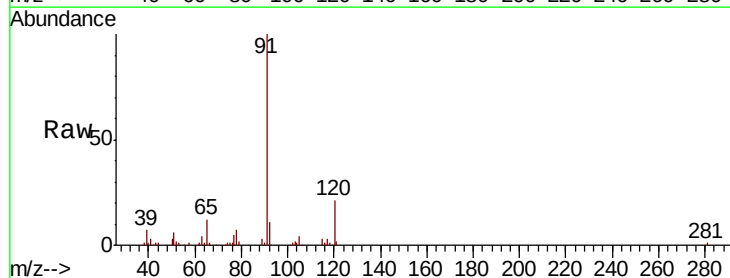
Acq: 26 Sep 2018 04:02

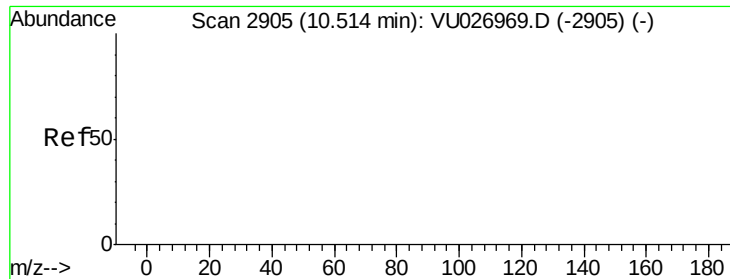
Tgt Ion: 91 Resp: 56740

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.3#

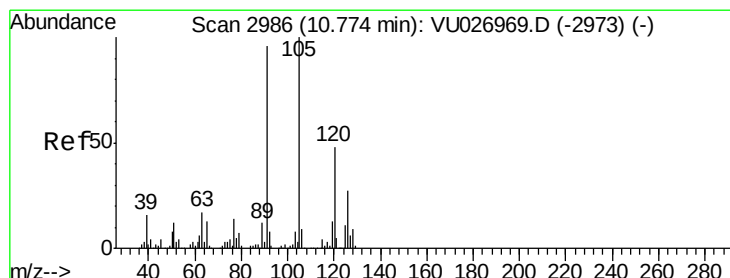
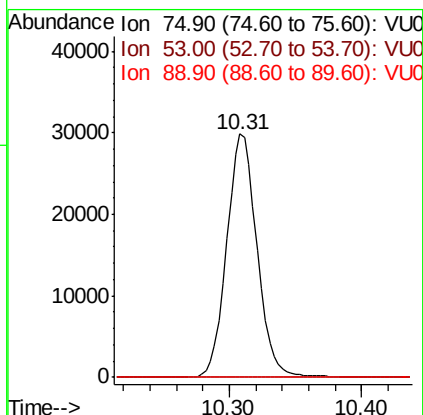
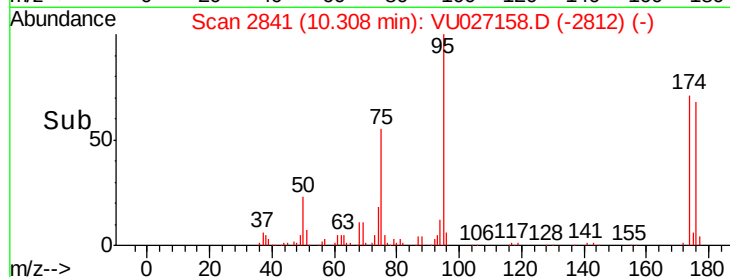
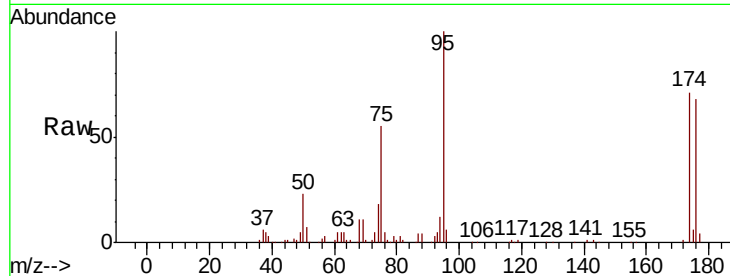




#81
trans-1,4-Dichloro-2-butene
Concen: 68.169 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.21 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

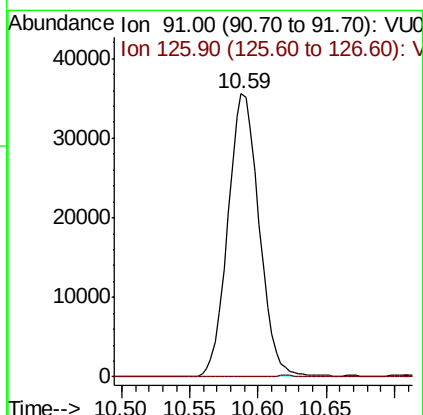
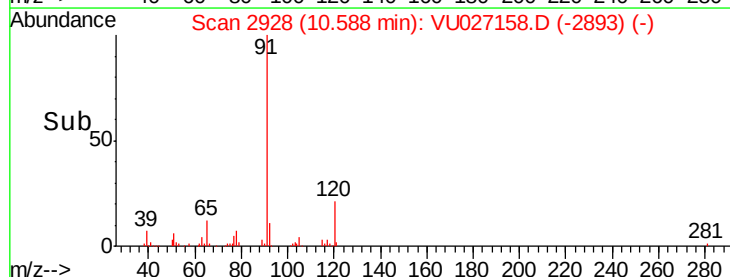
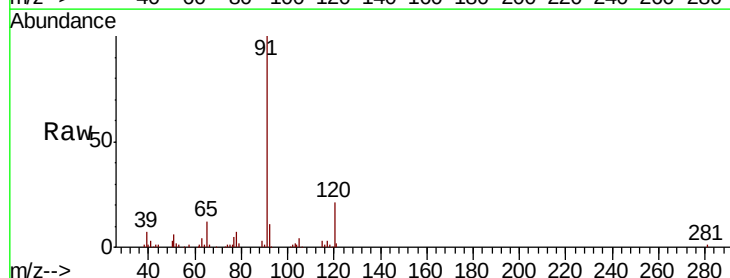
Instrument :
MSVOA_U
ClientSampleId :
MW-10-092018

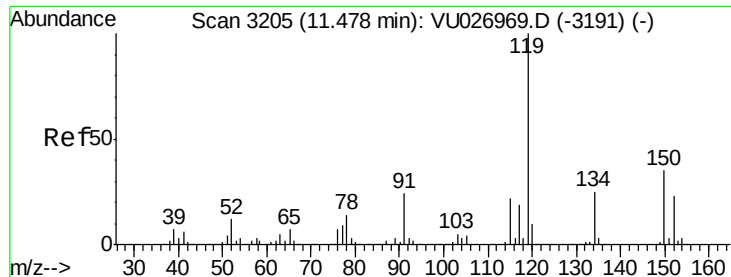
Tot Ion: 75 Resp: 47259
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 12.256 ug/l
RT: 10.59 min Scan# 2928
Delta R.T. -0.19 min
Lab File: VU027158.D
Acq: 26 Sep 2018 04:02

Tgt Ion: 91 Resp: 56740
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.2#

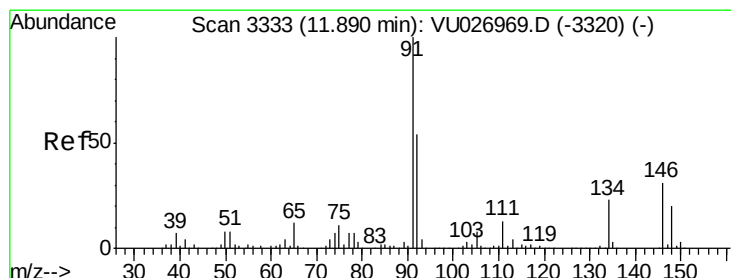
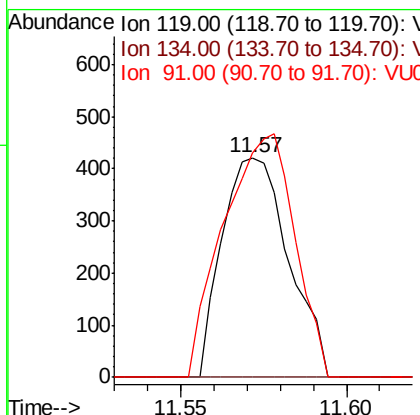
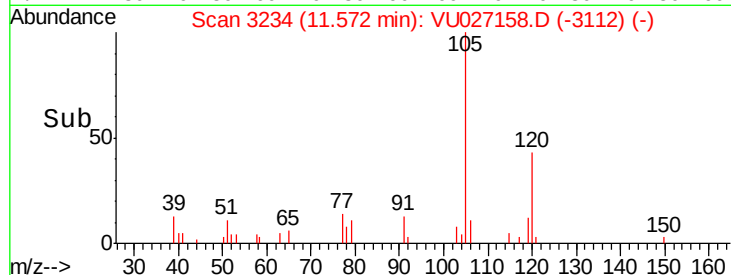
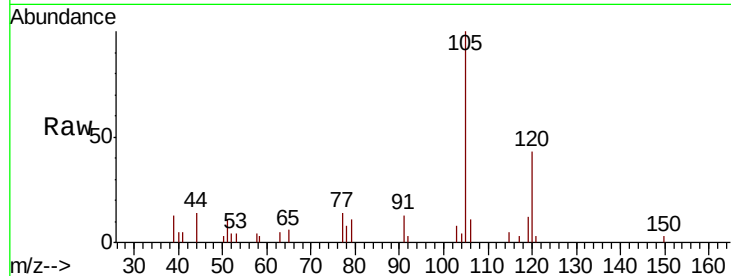




#86
 p-Isopropyltoluene
 Concen: 1.039 ug/l
 RT: 11.57 min Scan# 3234
 Delta R.T. 0.09 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

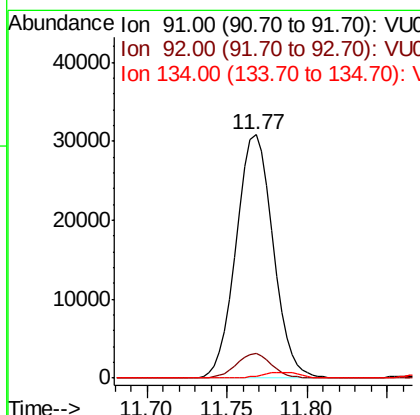
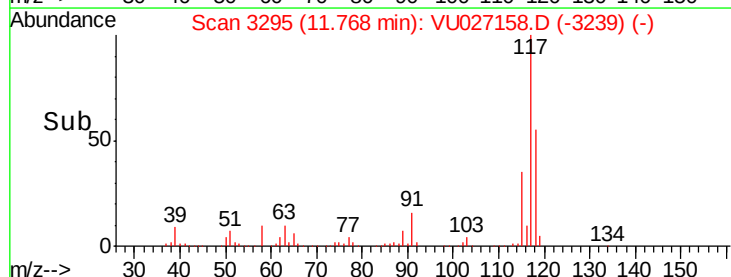
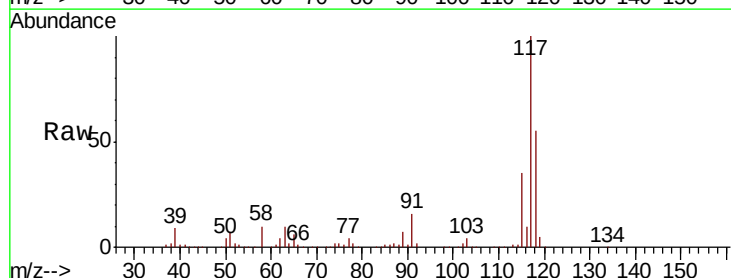
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-10-092018

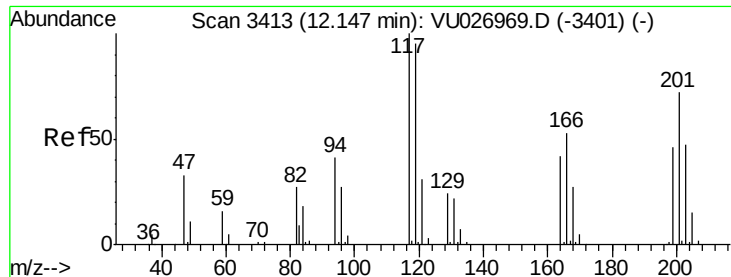
Tot Ion:119 Resp: 588
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.8 38.3#
 91 0.0 12.3 36.8#



#89
 n-Butylbenzene
 Concen: 11.582 ug/l
 RT: 11.77 min Scan# 3295
 Delta R.T. -0.12 min
 Lab File: VU027158.D
 Acq: 26 Sep 2018 04:02

Tgt Ion: 91 Resp: 48584
 Ion Ratio Lower Upper
 91 100
 92 9.7 27.1 81.2#
 134 2.5 11.7 35.0#





#90

Hexachloroethane

Concen: 0.525 ug/l

RT: 12.25 min Scan# 3444

Delta R.T. 0.10 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

Instrument :

MSVOA_U

ClientSampleId :

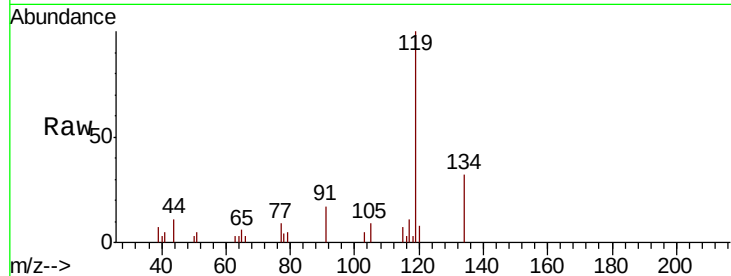
MW-10-092018

Tot Ion:117 Resp: 528

Ion Ratio Lower Upper

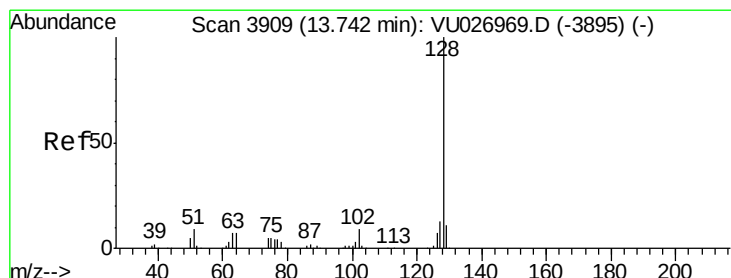
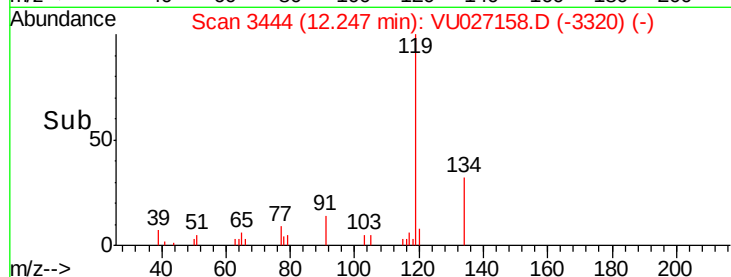
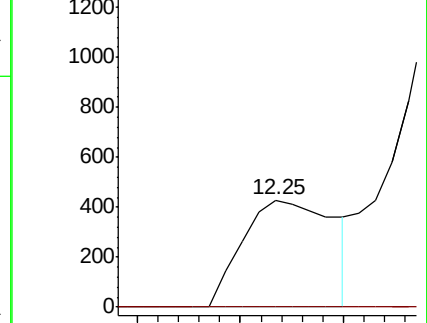
117 100

201 0.0 36.8 110.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 7.822 ug/l

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU027158.D

Acq: 26 Sep 2018 04:02

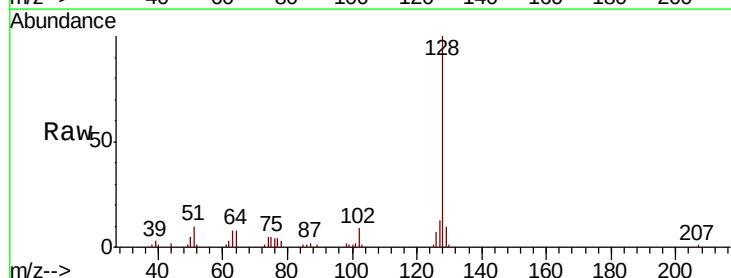
Tgt Ion:128 Resp: 38379

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

